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Livingston's "YELLOW SUPREME" Marigold—Double Nasturtiums, Scarlet Gleam and Gleam Hybrids
Three 1935 All-America Selections, 2 GOLD MEDALS and an AWARD of MERIT—See Inside Front Cover

LIVINGSTON'S 1935 SEED ANNUAL

THE LIVINGSTON SEED COMPANY

Famous for Best Seeds Since 1850

32-36 EAST SPRING STREET - - - - - - COLUMBUS, OHIO

Marigold

Livingston's New Full "Carnation-Flowered"

"Yellow Supreme"

GOLD MEDAL WINNER for 1935
In the All-America Flower Selections

Developed and Introduced by Livingston's

Visualize, if you can, a three to four inch, fluffy, well-rounded bloom of delicately mild honey fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow color, and you have a fair conception of our 1935 GOLD MEDAL WINNING Marigold "YELLOW SUPREME." You'll truly enjoy its dazzling beauty.

Unsurpassed as a cut-flower and exhibition variety as testified by many growers and Garden Clubs who tried it last year. Holds decided freshness fully a week to 10 days. In water 48 to 72 hours it takes on an even more delightful color and, if possible, a more graceful form. Its future as a garden and cut-flower favorite is assured.

Plants are 24 to 30 inches tall, remarkably healthy, vigorous and free branching with foliage which is practically free from that objectionable Marigold odor. Having been originated and bred in Ohio it is fully acclimated to Northern climatic conditions and does just as satisfactorily in Southern sections. For a real thrill grow it this year. You will have a delightful surprise.

Pkt. 25c; 1/16 Oz. 35c; 1/8 Oz. 65c; 1/4 Oz. $1

Nasturtium

The Glorious Sweet-Scented

Double Gleam

4102 *Double Scarlet Gleam*

Gold Medal Winner, All-America Selections, 1935. Even more dazzling than Golden Gleam, introduced in 1932. The flowers, borne on long, wiry stems, are a fiery orange scarlet in color, of immense size, almost three inches across, and have a pronounced sweet fragrance. Plants are semi-dwarf throwing short runners from a well-rounded, free flowering bush.

Pkt. (25 Seeds) 25 cts.

4110 *Double Gleam Hybrids*

Award of Merit, All-America Selections, 1935. A collection of gorgeously colored, large, well-formed flowers of dazzling beauty; the fountain head from which will issue the Nasturtiums of tomorrow. Colors, including those shown on the front cover and others, abound in profusion. Plants are semi-dwarf with short runners and long, wiry flower stems. In the garden or for cutting no flower could be more lovely.

Pkt. (25 Seeds) 25 cts.

YELLOW SUPREME TESTIMONIALS

Mr. Frank J. Blood, Wisconsin. *"Yellow Supreme was the talk of the show. Everybody raved over them. Have some in my garden that measure 4 inches across."*

Mrs. R. B. Lester, Missouri. *"The Civic Improvement Club hopes to have another of your shows next year. To grow and exhibit Yellow Supreme is an especial delight."*

Miss Margaret Varndell, New Jersey. *"Yellow Supreme puts all other Marigolds in the background and is greatly appreciated in not having the Marigold odor."*

We have many others similar to these

NOTICE! GARDEN CLUBS

Write for Special Flower Show Prize Offers on Our New Marigold

By popular request we again offer special prizes to Garden Clubs who wish to add a new feature to their fall show. Full particulars sent to any Club upon request.

New Wilt-Resistant
Asters

The most pretentious Aster improvement ever accomplished. An advance step that brings Asters back to every home garden from which they had been undeservedly exiled due to Aster wilt. Again you can have beautiful blooms, as pictured here, and have them in abundance.

BIG 3 COLLECTION

Pkt. Semple's Wilt-Resistant, Mixed
Pkt. American Beauty Wilt-Resistant, Mixed
Pkt. Crego Wilt-Resistant, Mixed
3 Packets 25 cts.

THE LIVINGSTON SEED COMPANY
32 East Spring St., Columbus, O.

Livingston's "True Blue" Seeds Have

Hidden Values

THAT WILL STRETCH YOUR SEED DOLLAR

Please read this carefully—because it may favorably affect your Garden Program

If seeds were like machinery, it would be possible to take them apart and show you their "Hidden Values." But, since this cannot be done, we must literally take them apart with words to show you that Livingston's Seeds have superior values that will save money for you. Again we wish to visit you and if you don't mind we are bringing along a few customers whose statements are unsolicited by us.

Question 1. What do you mean by "Hidden Values" that will stretch my seed dollar?

Answer. When you plant Livingston's "True Blue" seeds the money you spent stretches because you get more plants through better germination; it stretches because you get higher purity, greater productivity and better adaptability to given conditions made possible by our rigid trial ground tests. In seeds these things are "Hidden Values" that cannot be seen except through use.

Iowa Answer. Opal Marquardt, Union County, "*Your seeds show better germination than those from four other companies.*"

Oregon Answer. W. H. Hubbard, Yamhill County, Oregon, "*Germination has been as near 100% as could be asked and varieties all true to name.*"

Ohio Answer. Mrs. Chas. Ackerman, Champaign Co., "*Bought seeds from you last year and had best yield I have ever had.*"

Illinois Answer. Mr. Chas. Marion, Will Co., "*Seeds I got from you last year were all any one could expect.*"

Question 2. All seeds have these values that you mention, don't they?

Answer. Yes, in variable degrees This variation determines their value; therefor it always pays to think beyond the catalog price. With a background of experience through three generations (85 years) isn't it reasonable to believe that we have learned many valuable things about seed growing? These things have been conscientiously bred into the seeds we supply you.

New York Answer. Mr. Everett Ackerly, Rockland County, "*Have tried all the seed companies in U.S.A. and am back to you, just where I started from. I get better results with your seeds than others.*"

Kentucky Answer. Mr. L. S. Moles, Floyd County, "*The best garden I ever raised was from your seed.*"

Michigan Answer. Mr. Roy E. Nace, Berrien County, "*Your prices plus quality pleases us.*"

Question 3. Thinking beyond the catalog price, what about postage cost and the time it takes to get my seed by mail?

Answer. When you buy seed from Livingston's you have no postage to pay. We pay it regardless of amount or distance, as outlined below. Being centrally located as to population, we can reach a large percentage of our customers almost overnight.

Georgia Answer. Mr. Jack Bennett, Pike County, "*I have never ordered anything that was returned so quickly.*"

Indiana Answer. Mrs. A. W. Dilts, St. Joseph County, "*Order received in three days and all are growing. Thanks a lot.*"

Missouri Answer. Mr. Bismarck Reynolds, Jackson County, "*Like your seeds and prompt service.*"

Question 4. Do you test your seeds by growing them in a garden the same as I will do?

Answer. Yes, we are one of the few seedsmen who operate big trial grounds and through these trials we know, within a reasonable certainty, that our seeds will be satisfactory in your garden.

Massachusetts Answer. Mr. Arthur Fales Worchester Co., "*47 years doing business with you and not a kick.*"

Colorado Answer. Nina Buttler, Las Animas County, "*I never buy any but your seed. They come up 100%, I believe.*"

Question 5. Big commercial gardeners usually have fine vegetables. They must use good seed. Can I buy the same kind of seed?

Answer. Livingston's started in the seed business in 1850 by growing and supplying seeds to the commercial grower. Today this is the largest branch of our business. You get the same quality seed for your garden because there is only one grade of "True Blue" seeds.

North Dakota Answer. Mr. Chas. Benzi, McLean County, "*The Market Gardener will never forget a firm from whom he can get good seed with certainty. Price is no objection.*"

Connecticut Answer. Mrs. Florence Johnson, Fairfield County, "*They speak of our market as the stand where they grow the wonderful tomatoes. I want you to know we give Livingston's full credit for their good seed.*"

Question 6. Besides supplying me with quality seeds, how can you help me with my garden problems?

Answer. We believe this catalog is one of the most instructive you will receive this year. It gives an accurate vegetable planting chart and unique, complete flower cultures not found in other books. We also supply free with orders detailed leaflets on many subjects. In addition to this, we offer a free letter service, answering your questions in a practical, dependable way. Where can you do better?

Kentucky Answer: Miss Alma Sinclair, Jefferson County, "*Thank you for the chart you sent me and all other literature. It has meant everything to us.*

California Answer. Gladys Burch, Sacramento County, "*The codes and symbols make your book the most useful of any I have. I will be a booster for you.*"

Livingston's "Hidden Values" plus Livingston's service will positively make a difference and your seed dollar is surely stretched. We urge you to decide now to have a Livingston "True Blue" garden this year.

Important Ordering Suggestions

FREE TRANSPORTATION ON ALL SEED ANYWHERE IN THE UNITED STATES PROPER

All seeds quoted in this Catalog are now shipped by Parcel Post, Express or Freight, whichever rate is lower, all transportation and packing charges paid by us. The only items on which you must figure or pay transportation are those marked "Not postpaid," and they are few. C.O.D. and money order return fees are not considered as transportation charges and, therefore, must be paid for by the customer. Avoid them by sending remittance with order. Bulk seeds, such as Peas, Beans and Corn, in quantities, are shipped to your nearest express or freight office, transportation paid. If you wish them shipped by Parcel Post, please send necessary postage.

SHIPPING ORDERS. When goods are to be shipped by Freight or Express, give plain shipping directions; otherwise we use our best judgment in routing. Goods on which we pay transporation are shipped at our option.

SEND MONEY. Remittance should always accompany the order. Remittances may be made at **our risk** by any of the following methods (1st and best) **Post Office Order;** (2d) **Bank Draft;** (3d) **Express Company Money Order;** (4th) **Cash by Express in amounts not less than $50** (5th) **Registered Letters.** We also accept stamps in payment but the Postal Department asks us to discourage their use.

AN ORDER BLANK and ENVELOPE are in the rear of this Catalog for your convenience. Additional Order Blanks and Envelopes will be sent on request. Print or write your Name, Post-Office, County, and State plainly. If you have moved, give us your old address and we will change our mailing-list.

WE GUARANTEE the safe arrival of your order. We guarantee to refund your money or give value in other seed if, after properly testing, our seeds fail to grow. Our germination test is printed on all packages (not packets) we send out.

NON-WARRANTY. Contingencies continually arising prevent the very best seeds always giving satisfaction. For these reasons, it is impossible to guarantee seeds under all circumstances; therefore We, The Livingston Seed Company, give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we sell, and will not be in any way responsible for the crop.

PARCEL POST RATES. Where you must remit postage ask your postman what zone you are in from Columbus, and using the figures under that zone, multiply the number of pounds by the first figure and add the second and remit that amount in cents. Fractions of a cent count as a full cent.

1st & 2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
1.1 & 8	2 & 7	3½ & 6½	5.3 & 5.7	7 & 5	9 & 5	11 & 4

Livingston's Greatest Gladiolus Offer

OF RECENT YEARS

Strictly First Size, Thrip-Treated Bulbs

All our bulbs are high grade, first size, true-to-name, systematically treated before planting and fumigated in storage. At these postpaid prices they deserve a place in your garden.

OUTSTANDING POPULAR VARIETIES

AIDA. Striking dark blue shading to royal purple. Red blotches on lower petalage. Large flowers. Doz. 75 cts.; 100 for $4.50.

ALBATROS. A very large, pure white with six to eight blooms open at a time. Tall and vigorous. Doz. $1.10; 100 for $7.70.

AVE MARIA. Large light blue, blotched purple. Great substance. A new favorite in the blues. Doz. $1.10; 100 for $7.70.

CHARLES DICKENS. Magnificent royal purple with velvety purple blotches. Five foot spikes. Doz. 65 cts.; 100 for $4.80.

MOROCCO. A beautiful deep maroon. Very large flowers on good spikes. A very handsome variety. Doz. 60 cts.; 100 for $4.00.

DR. NELSON SHOOK. Radiant tyrian rose. 8 to 10 ruffled flowers open. Of giant size. Doz. 65 cts.; 100 for $4.80.

GOLDEN DREAM. A fine, clear, deep yellow flower. Long, strong stem. Doz. 45 cts.; 100 for $3.00.

HEAVENLY BLUE. A delicate, light violet blue. Flowers well placed on tall stem. Many open at one time. Doz. 65 cts.; 100 for $4.80.

HERBSTZAUBER. One of the very best of the newer varieties. A wonderful orange-salmon color. Late blooming. Doz. $1.10; 100 for $7.70.

MARMORA. Blendings of smoky shades of grays and lavender, with a blotch of red and purple. Doz. 65 cts.; 100 for $4.80.

MR. W. H. PHIPPS. Clear deep pink, salmon toned reflex. Lips faintly speckled ruby. Massive spike. Doz. 50 cts.; 100 for $3.50.

MRS. LEON DOUGLAS. Begonia rose with flecks of flame scarlet, lower petal tinted lemon with specks of ruby red. Doz. 30 cts.; 100 for $2.00.

ORANGE QUEEN. Yellow suffused with coppery orange, producing attractive new tint. Spike closely set with large blooms. Doz. 30 cts.; 100 for $2.00.

PEACE. Large pure white with lilac feather on the lower petal. Strong stem; late blooming. Doz. 30 cts.; 100 for $2.00.

PERSIA. A deep crimson that is almost black. Medium sized flowers, well placed on good stem. Doz. 30 cts.; 100 for $2.00.

RED BARNEY. Brilliant orange-scarlet. Noted for its ability to stand without fading or wilting. Vigorous grower. Doz. 75 cts.; 100 for $4.50.

BLENDED COLOR COLLECTIONS

Fascinating, Sensational Color Blendings for Your Dream Garden

Made from the sixteen outstanding named varieties above. Here's your opportunity to get a start with a group that we believe has never before been offered at such a low price.

1 bulb of each (16 bulbs)	$0.65 postpaid
3 bulbs of each (48 bulbs)	1.75 postpaid
6 bulbs of each (96 bulbs)	3.25 postpaid
12 bulbs of each (192 bulbs)	6.00 postpaid
18 bulbs of each (288 bulbs)	8.00 postpaid

GLADIOLUS CULTURE

Spade or plow your plot of ground rather deep, pulverizing it well. If it is a heavy clay soil or one having considerably insufficient fertility the use of fertilizer is advisable. We suggest manure or any good commercial fertilizer. This should be well spaded into the ground before planting. If your soil is good garden loam this application may not be necessary. However, we recommend that a quantity of either of the above fertilizers or Bone Meal be put in the furrow or hole where the bulb is to be placed and covered with 1 inch of soil before the bulb is planted.

The bulbs should be planted about 5 inches deep in rows two feet apart, being placed 3 inches apart in the row. In clump or group planting they should be placed about 6 inches apart each way. Small bulbs should not be planted quite so deep. Start cultivation as soon as the spikes begin to appear. Stir the surface frequently and keep free from weeds. If the season is dry, water frequently and freely. A planting at intervals of 10 days up until July 1 will give a succession of bloom all summer. Cuttings should be made 8 inches above the ground when two complete blooms have appeared.

After the flowers are cut the bulbs should remain in the ground until the end of September or even into October, depending upon the time they were planted, so that they may attain their full growth. By all means remove them from the ground before freezing weather, cut off the tops and after curing, either out of doors or inside, store them in your basement or a place of moderate temperature for the winter.

Livingston's "Pandora" Mixture of Gladiolus

Made up and offered, not with the idea of profit but with the intention of giving so much pleasure to the average amateur that he will talk about it to his friends and neighbors. We offer this mixture under the name of "Pandora" because it contains so many surprises in color, form and beauty. Many new unnamed sorts can be found. Unquestionably, new varieties could be developed, and we place no restriction on their introduction. You'll get a vast amount of enjoyment, expectation and rapture at small cost from this grand mixture and we'll profit through your good will and recommendations.

Doz. 45c; 2½ Doz. $1.00.
100 for $2.25 Postpaid.

PRIMULINUS VARIETIES

APRICOT GLOW. Lovely warm buff edged soft apricot. Tall, strong stem. Doz. 30 cts.; 100 for $1.80.

GOLDEN FRILLS. Deep rich daffodil yellow; with red markings on lower petals. Intensely ruffled and unusual in form. Very early. Doz. 35 cts.; 100 for $2.40.

KRELAGE'S FAVORITE. A large light scarlet which never fails to please. Doz. 30 cts.; 100 for $1.80.

SOUVENIR. Pure golden yellow. Has the charm of yellow silk. Just the color for indoor decorations. Early. Doz. 30 cts.; 100 for $1.80.

STARBRIGHT. Beautiful straw yellow, with a broad distinct band or stripe of rose through the center of each petal. Stems long and straight. Very vigorous. Doz. 40 cts.; 100 for $2.60.

THE ORCHID. Petals are very long and slender, ruffled, frilled and laciniated. Color pale lavender, deeper at edges and tips of petals. Extremely hooded, orchidlike. Doz. 55 cts.; 100 for $3.50.

WHITE BUTTERFLY. The best white; dainty and graceful. Vigorous and free flowering. Early Doz. 35 cts.; 100 for $2.40.

ZONA. Salmon-rose, with lower petals canary yellow with deep rose-pink blotches on center of lower petals. Tall graceful spikes, extra vigorous. Very early. Doz. 35 cts.; 100 for $2.40.

Primulinus Collections

The "Prims" are especially desirable because of early blooming and adaptability to inside decoration. Here is the chance to get the best at a nominal price.

3 bulbs each—24 bulbs	$0.55 ppd.
6 bulbs each—48 bulbs	1.00 ppd.
12 bulbs each—96 bulbs	1.85 ppd.

Livingston's Big Bargain Counter

Bargain Flower Seed Collections

Our Biggest Money-saving Offer

Rainbow Collection of Choice Annuals 75c

Asters, Mixed	Petunia, Mixed
Bachelor's Buttons	Phlox, Mixed
Candytuft, Mixed	Poppies, Mixed
Cosmos, Mixed	Portulaca, Mixed
Dianthus, Mixed	Scabiosa, Mixed
Marigold, Mixed	Sweet Alyssum
Mignonette, Sweet	Antirrhinum, Mix
Nasturtium, Mixed	Sweet Peas, Mixed
Pansy, Mixed	Zinnia, Mixed

18 Packets—Regular Value $1.75

Exhibition Aster Collection

7 *Packets as outlined on page 14 (Value 75c.)* ..... 50c.

Annual Cut Flower Collection

As illustrated at left

Crego Aster, Mixed	Larkspur, S.F., Mixed
Snapdragon, Mixed	Zinnia, Dahlia flwd., Mixed
Scabiosa, Mixed	

5 Pkts. (Value 50 cts.) 40 cts.

Perennial Collection 50c.

Would cost 80c Separately

3096 Aquilegia	3652 Digitalis
3420 Campanula	3636 Hardy Pinks
3398 Coreopsis	6042 Poppy
3608 Daisy	6294 Sweet William

Bright Array Collection

Alyssum, Mixed	Candytuft, Mixed
Aster, Mixed	Nasturtium, Mixed
Pansy, Mixed	Sweet Peas, Mixed
Phlox, Mixed	Zinnia, Mixed

Actual Value 75c. Sale Price 50c.

Scabiosa Collection

9 *Packets, large flowering, as offered on page 35. (Value 90c.)* 75c.

Sunburst Collection of Dwarf Nasturtiums

7 *Packets, all colors as offered on page 30* .... 25c.

See other flower collections in flower Section, pages 10 to 39

Spencer Sweet Pea Collection

7 *Liberal Packets, popular kinds as offered on page 37* ..... 35c.

Children's Flower Mixture

6490 Makes delightful Wild Garden where children can pick flowers to their hearts' content. Just sow seed outside after frost.
Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.

Perennial Rock Garden Collection

Fine for the Beginner

3034 Alyssum	3806 Heuchera
3102 Aquilegia	3896 Linum
3110 Arenaria	6065 Primula
3414 Candytuft	6156 Saxifraga
3628 Dianthus	6310 Tunica
3760 Gypsophila	6331 Veronica

Actual Value $1.50

Sent for $1.00, Postpaid

Annual Rock Garden Collection

3018 Ageratum	6052 Portulaca
3032 Alyssum	6110 Sanvitalia
3682 Eschscholtzia	6000 Phlox

Actual Value 65c.

Sent for 50cts. Postpaid

Bargain Vegetable Seed Collections

Special "Greens" Collection

Turnip, Shogoin	Swiss Chard, Lucullus
Mustard, Giant Curled	Spinach, Juliana

1 Pkt. Each (Value 20c.) 15c.

Beet Collection

3 *Packets as offered on page 44 (Value 20c)* .... 15c.

Cucumber Collection

3 *Packets as offered on page 52 (Value 30c.)* ... 20c.

Lettuce Collection

3 *Packets as offered on page 56 (Value 25c.)* .. 20c.

Muskmelon Collection

3 *Packets as offered on page 58 (Value 20c.)* .. 15c.

Special Vegetable Collection

As illustrated at left

Globe Radish	Chantenay Carrot
Simpson Lettuce	Giant Oxheart
Early Wonder Beet	Tomato

5 Pkts. (Value 35 cts.) 25 cts.

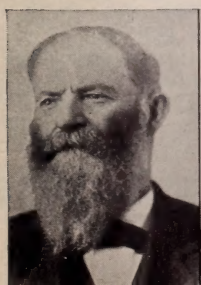
See other Vegetable Collections on vegetable pages 40 to 80

INTRODUCING · · Livingston's Serial Picture Story

Mr. Alexander W. Livingston, deceased, founded our Company in 1850. It is now operated by the third generation and the future is assured. Under a policy of "Honest Dealings," the business has prospered for the past 85 years, during which time it has been necessary to move to larger quarters several times. The present home, pictured here, is centrally located, just next door to the Parcel Post and Express stations, thus affording quick, overnight service to a large percentage of the people in the United States.

Livingston's are one of the few seedsmen that operate big trial grounds, portions of which are pictured here. Both vegetable and flower seeds are tested under actual growing conditions every year.

(Continued on page 10)



New, Rare Flowers In The

Orange Flare Cosmos

What All-America Selections Mean To You

The All-America Selections of flowers and vegetables is a yearly competitive offering of new varieties from which competent judges choose the most outstanding. Its purpose is to present the best things of the year to the most gardeners and to promote interest in the new, really worth while varieties that will glorify the American garden.

New Early Cosmos, Orange Flare

Gold Medal Winner, All-America Selections 1935

3565 One of the most discussed novelties of the season. An early flowering strain, blooming in about four months from sowing seed; a Cosmos feature before unknown in the flower world. The blooms are of a deep, vivid, orange color supported by light green foliage. Plants are 2 to 3 feet tall with long, wiry stems. Well adapted for cutting. Pkt. 25 cts.; 1/16oz. 35 cts.; 1/8oz. 60 cts.

Yellow Supreme Marigold

Livingston's Marigold "Yellow Supreme"

Gold Medal Winner, All-America Selections, 1935

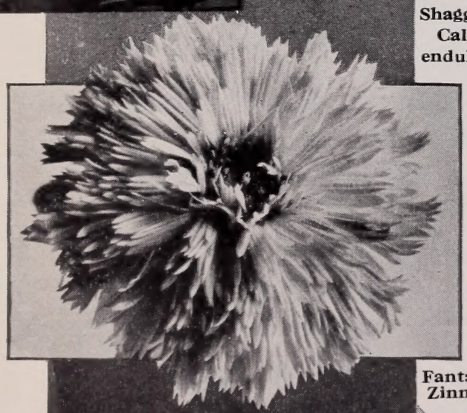
Developed and Introduced by Livingston's

3934 A superlative creation. Large fluffy blooms with mild honey fragrance; dazzling lemon-yellow color. Growers report "3 to 4 inches across." "Does not have Marigold odor." "Talk of the show." "Created sensation." Illustrated and fully described on front cover. Every one should enjoy it this year. Garden Clubs should write for our Special Flower Show Prize offers. Pkt. 25 cts.; 1/16oz. 35 cts.; 1/8oz. 65 cts.

New Double Nasturtium, Scarlet Gleam

Gold Medal Winner, All-America Selections, 1935

4102 A new development from the double fragrant Golden Gleam presented first in 1932. Has a fiery orange-scarlet color, is of immense size, almost 3 inches across, and has a pronounced sweet fragrance. Illustrated on front cover and further described on inside front cover and page 30. Pkt. (25 seeds) 25 cts.; 1/4oz. 45 cts.; oz. $1.50.



Shaggy Calendula

Glorious Gleam Hybrid Nasturtiums

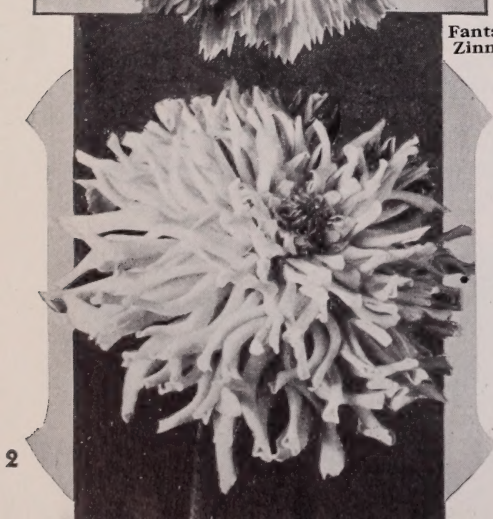
Award of Merit, All-America Selections, 1935

4110 **Mixed Colors.** A collection of gorgeously colored, large, double flowers of dazzling beauty; the fountain head from which will issue the Nasturtiums of tomorrow. Colors abound in profusion as illustrated on front cover. Further described on inside front cover and page 30. Pkt. (25 seeds) 25 cts.; 1/4oz. 40 cts.; oz. $1.00.

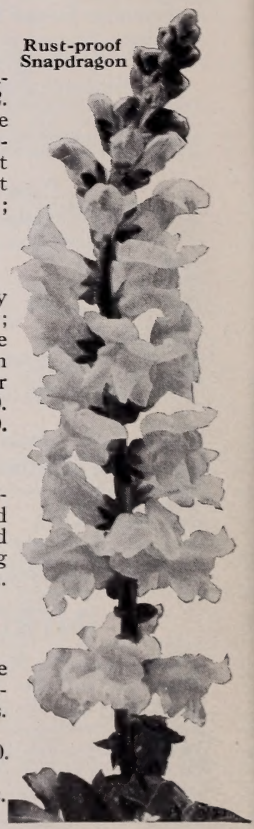
A New Calendula "Shaggy"

Gold Medal Winner, All-America Selections, 1935

3379 The most graceful and most unique Calendula yet introduced. A new laciniated petalled type that is exceedingly attractive as illustrated at left. The color is orange. Truly outstanding and especially desirable for the home garden. Pkt. 25 cts.; 1/8oz. 45 cts.; 1/4oz. 85 cts.



Fantasy Zinnia



Rust-proof Snapdragon

Rust-Proof Snapdragons

Certificate of Honor, All-America Selections, 1935

A development that gives the maximum type Antirrhinum a new lease on life. Comes 75% rust-proof this year. See page 15 for further details. Three selections are offered.

3087 **PEARL.** White. Pkt. 25 cts.; 1/64oz. $1.50.
3088 **CRIMSON.** Pkt. 25 cts.; 1/64oz. $1.50.
3089 **MIXTURE.** All colors. Pkt. 25 cts.; 1/64oz. $1.00.

Fascinating New Zinnia "Fantasy"

Award of Merit, All-America Selections, 1935

6469 **Mixed.** Most striking new Zinnia in many years. It is of the curled and crested type, with blooms of medium size having shaggy ray-like petals giving it a delicate and refined appearance. Color range includes reds, yellows, orange and pastel pinks and creams. Plants are 2 to 2½ feet tall, free-flowering. Pkt. 25 cts.; 1/16oz. 35 cts.; 1/8oz. 65 cts.

ALL-AMERICA COLLECTION—No. 1 Any four packets of the new 1935 flowers listed on this page—your selection 75c

All-America Parade

Let Them Unfold Their Beauty in Your Garden

Martha Washington Petunia

Award of Merit, All-America Selections, 1935

5070 A new Nana Compacta ball type of special value for its ruffled flowers in a new type of dwarf (9 inches) compact, ball-shaped plant. Flowers are white tinged blue, lavender effect, heavily veined deep violet. Comes quite true; ideal for bedding. Pkt. (about 200 seeds) 25 cts.

Mary Washington Petunia

Sunlight Hunnemannia (Tulip Poppy)

Award of Merit, Selections, 1934

3687 New California Poppy of a clear canary yellow. Bred to come semi-double but in our trials came mostly single. Nevertheless, it is the best poppy we grew. It is profuse, long blooming and has long stems for cutting. Hardy but best grown as annual. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.25.

Sunlight Hunnemannia

New Sunshine Calendula

Gold Medal Winner, Selections, 1934

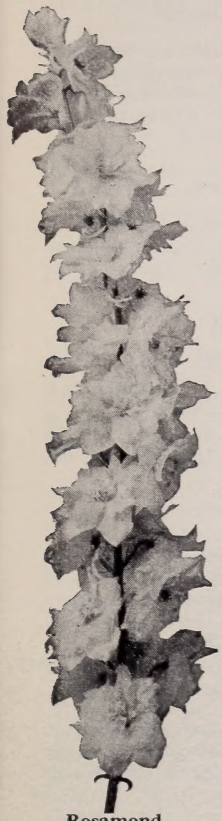
3387 A lovely, friendly new-comer. Distinctly different in flower formation. A clear, butter-cut yellow in color with loosely arranged petals, incurved at center and reflexed at edges, somewhat like a chrysanthemum. Flowers are mounted on strong, wiry stems a foot in length; excellent for cutting. Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.35.

Guinea Gold Marigold

Gold Medal Winner, Selections, 1933

3935 A brilliant orange flower flushed with gold 100% semi-double and double, ruffled with loose placed petals. Plant has pyramidal habit of growth, 2 to 2½ feet tall, and has much less noticeable Marigold odor than ordinary. Improved strain is offered. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.; ¼oz. 65 cts.

Guinea Gold Marigold



Rosamond Larkspur

New Rosamond Larkspur

Gold Medal Winner, Selections, 1934

3858 New Stock Flowered variety; acclaimed the most distinct to be introduced in many years. The color is a new bright rose that holds well until out of bloom. This variety is two weeks earlier than others, exceptionally uniform, bearing numerous good spikes, heavily flowered. Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.; ¼oz. 85 cts.

New Annual Canterbury Bells

Gold Medal Winner, All-America Selections, 1933

An improvement over the biennial varieties in that they bloom within six months from sowing seed, thus bringing spring to the fall garden. Three selections are offered.

3417 **ANGELES BELL** Deep rose. Pkt. 15 cts.; 1/16oz. 40 cts.; ⅛oz. 75 cts.; ¼oz. $1.25.

3419 **LIBERTY BELL** Deep violet blue. Pkt. 15 cts.; 1/16oz. 40 cts.; ⅛oz. 75 cts.; ¼oz. $1.25.

3418 **MIXED.** All colors including dark and light blue, pink, rose and white. Pkt. 15c.; 1/16oz. 35c.; ⅛oz. 60c.; ¼oz. $1.00.

Anchusa, Annual Blue Bird

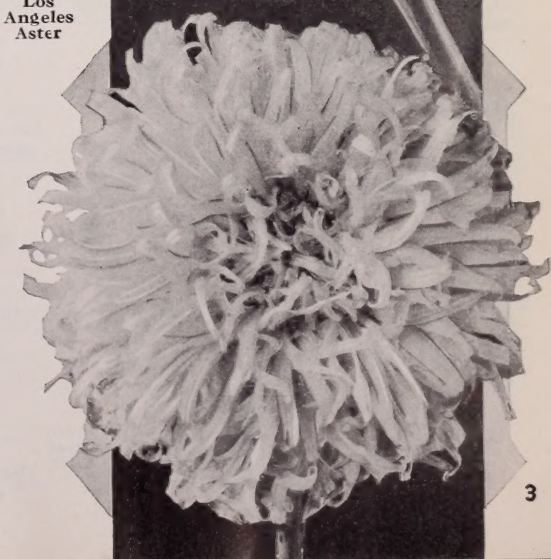
Special mention, All-America Selections, 1935

3044 Annual variety of vivid indigo blue. Profuse blooming. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛ oz. 40 cts.; ¼oz. 75 cts.

Super Giant Los Angeles Aster

Award of Merit, All-America Selections, 1934

3125 The first of a new race of giant Asters; having long, strong stems, it promises to supersede all others for cut-flower use. Similar to Giants of California, but earlier, deeper, full centered with unusually curled and interlaced petals. Color is a shell pink. Pkt. 25 cts.; ⅛oz. 60 cts.; ¼oz. $1.00; oz. $3.00.



Los Angeles Aster

ALL-AMERICA COLLECTION—No. 2 One packet of each variety pictured on this page—5 packets in all 65c

New Flower Introductions

Double White Beauty Morning Glory

Haageana Zinnia

Royal Scot Marigold

Golden Sheaf Aster

Livingston's New Double Morning Glory "White Beauty"

Our own New introduction for 1935

3998 New; **never before offered to the flower grower.** A beautiful pure white double flower all frilled and ruffled. Not so large but very profuse and quite early. Plants are healthy and vigorous, making excellent screen or background. This new flower is ideal for the "White Garden." Give it a trial this season. Pkt. 15 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

New Haageana (Mexican Hybrid) Zinnia

6482 These are the smallest Zinnias we offer. Small flowers are becoming popular and nothing can surpass these for bedding and dainty bouquets. They contain many attractive colors, color combinations and flower formations as illustrated here. See comparative size on page 39. Pkt. 15 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.; oz. $1.75.

Celosia, Lilliput (Plume Type) Mixed

3466 A dwarf type of the Ostrich Plume Celosia. Plants grow to about a foot in height, branching freely, tipped with plumes of various shades. Fine for bedding and for pots. Pkt. 15 cts.; 1/32oz. 35 cts.; 1/16oz. 65 cts.; ⅛oz. $1.25.

Larkspur, Giant Imperial Blue Bell

Special mention, All-America Selections, 1934

3880 Giant Imperial is a new upright base branching Larkspur with long straight upright flower spikes. Blue Bell is a fine medium blue, a color up to this time lacking in this type. This one is decidedly upright with long flower spikes. Pkt. 15 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.; oz. $1.75.

Marigold, Royal Scot

3956 *New.* One of the most striking French types yet introduced. The well formed flowers are produced in abundance on plants 24 to 30 inches in height. The color is a charming combination of mahogany and gold in symmetrical stripes which radiate from the center of the flower. Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.50.

Calendula, Pastel Bedding Mixture

3381 *New.* Designed especially for the home garden. Contains a balanced combination of the lighter shades in the dwarfer growing types. New shades of apricot, cream and white as well as orange and lemon are included. There is also a novel assortment of flower types. Adapted for border use but has stems long enough for cutting. Pkt. 15 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.; oz. $1.25.

Gaillardia, New Burgundy

3696 A new hardy variety claimed to be the best red to date. The color is a coppery-scarlet perhaps more easily described as wine-red. The flowers are about 2½ inches across and mounted on long, strong stems. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.; ¼oz. 75 cts.

New Wilt-Resistant Aster, Blue Flame

3238 Something new in wilt-resistant Asters. A bright navy blue, distinct from any other dark blue or purple Aster now offered. Blue Flame is of the Giant Branching Comet class with large, comet type flowers, fully double, on branching, robust plant. Suitable for either cutting or garden use. Pkt. 25 cts.; 1/16oz. 45 cts.; ⅛oz. 75 cts.

New Wilt-Resistant Aster, Golden Sheaf

3295 *Entirely new.* The deepest yellow Aster yet offered and the only one that is wilt-resistant. The flowers are fully double with an attractive crest-like center, of good substance and fine depth of petal. They are mounted on long stems and last well when cut. Pkt. 25 cts.; 1/16oz. 50 cts.; ⅛oz. 90 cts.

NOVELTY COLLECTION—No. 1 One packet of each variety pictured on this page—4 full sized packets in all **55c**

That You Should Enjoy

Livingston's New Alldouble Tall Giant Fringed Petunia

5067 **MIXED.** An unapproached improvement in Petunias. 100% true double with 75% giant double and remainder medium sized "Carnation Flowered." The flowers are exquisitely fringed and ruffled and contain a good range of brilliant and suffused colors. Received more favorable comment than any flower we offered last year. Pkt. (about 150 seeds) 50 cts.; ½ pkt. 30 cts.

Livingston's New Alldouble Dwarf Giant Fringed Petunia

5063 **MIXED.** The acme of all Petunias. Due to its dwarf habit, it even surpasses our New Tall Alldouble Strain (listed above) which was a sensation in 1933. The flowers are identical but the dwarf nature of this one will unmistakably give it added popularity. Pkt. (about 100 seeds) 50 cts.; ½pkt. 30 cts.

Shasta Daisy, New Giant Double White

3609 Includes an assortment of various types of double flowers ranging from the most fully double fringed petalled sorts, as illustrated here, through semi-doubles, to a type which, though single, forms unusual and beautifully shaped flowers with lacinated, curled and quilled petals. The flowers are all large and carried on long wiry stems. Perennial. Pkt. 35 cts.; 1/32oz. $1.00; 1/16oz. $1.90.

Daisy, Arctotis Hybrids

3596 A most interesting introduction from South Africa. Showy daisy-like flowers, 2 to 3 inches across in various shades of red and orange. Grows from 8 to 12 inches high. Half hardy annual; grows well in dry location. Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.; ¼oz. 75 cts.

Mesembryanthemum, Criniflorum (Livingstone Daisy)

3975 *New.* A slightly spreading plant literally covered with daisy-like flowers, 2 inches across, in every imaginable shade and color. There are whites tinted and edged with other colors and self colors including primrose, golden, buff, apricot, crimson and pink. Ideal rock, carpet or edging plant. Annual. Pkt. 20 cts.; 1/32oz. 50 cts.; 1/16oz. 90 cts.; ⅛oz. $1.75.

Tithonia Speciosa (Mexican Sunflower)

6304 **Golden Flower of the Incas.** Rare plant from Mexico. Grows similar to the Dahlia throwing up long, stout, woody stems with rather large foliage. The flowers are orange vermillion in color and resemble a single African Marigold. Long blooming season. Desirable for planting among shrubs or in the background. Annual. Illustrated on page 38. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.25.

Heavenly Blue Morning Glory

4001 A variety that is bringing new and deserved popularity to Morning Glories. Many who have grown it say they cannot find words that express their admiration. It is an early blooming climber, literally covered with lovely flowers of sky-blue shading lighter toward center. Flowers measure 3½ inches across and bloom until frost. Pkt. 15 cts.; ¼oz. 25 cts.; oz. 75 cts.

Carnation, Dwarf Red Grenadin

3454 A new dwarf variety of the popular Red Grenadin, one of the few Carnations that is really hardy. The flowers are double, of a good red color and early blooming. A fine variety for bedding or cutting. Pkt. 15 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.; ¼oz. 85 cts.

Pansy, Swiss Giant Mixed

5020 A mammoth strain of recent introduction the seed of which we import direct from Switzerland. The blooms, often measuring 3½ inches across, are well-rounded, perfectly shaped with thick velvety petals. There are a multitude of harmonious and enchanting shades, colorings and markings. One of the outstanding features of this strain is that the long, stiff stems hold the flowers well above the foliage. It is an excellent variety for either cutting or bedding. Pkt. 25 cts.; 1/16oz. 85 cts.; ⅛oz. $1.50; ¼oz. $2.75.

NOVELTY COLLECTION—No. 2 One packet of each variety pictured on this page—4 full sized packets in all $1.

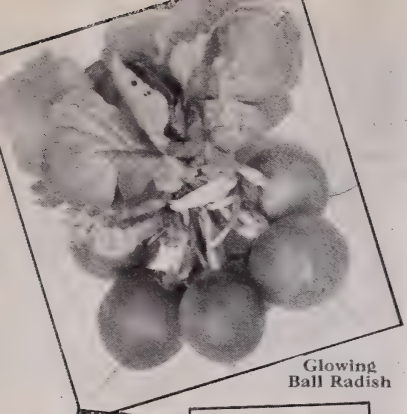
Alldouble Petunia

Double White Shasta Daisy

Heavenly Blue Morning Glory

Swiss Giant Pansy

The Best New Vegetables



Glowing Ball Radish

A New Radish "Glowing Ball"

Gold Medal Winner, All-America Selections, 1934

Here is a real improvement in Radishes as shown in our trials last year. It is a perfectly round, short top variety with bright fiery scarlet, silky skin suffused with orange. Very smooth, about 1 inch in diameter; has small thread-like tap-root. Flesh is white, crisp and tender. Very early and fine for forcing or outside growing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. $1.00.

"Tendergreen"—A New Delicious Green Bean

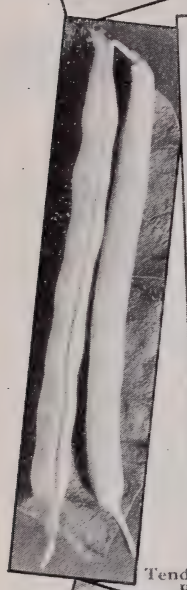
Gold Medal Winner, All-America Selections, 1933

If you want something really exceptional, have this fine-flavored, tender and meaty, dwarf green bean in your garden this year. It is vigorous, productive and of finest quality. The light green pods are 6 to 7 inches long, round and entirely stringless. Just as good as its name indicates. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.15; 10 lbs. $2.00; 25 lbs. $4.50.

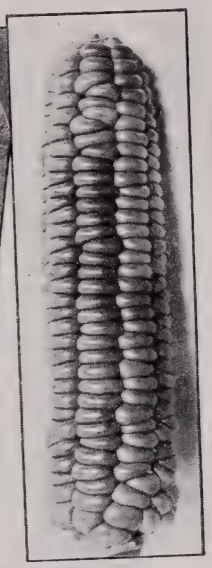
Asgrow Valentine Green Bean

Award of Merit, All-America Selections, 1933

A stringless Black Valentine of real merit. Pods are long, straight, oval and completely stringless; fine quality and delicate flavor. Plants are large, erect and very prolific. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.15; 10 lbs. $2.00; 25 lbs. $4.50.



Tendergreen Bean



Kingscrost Corn

New Hybrid Sweet Corn "Kingscrost"

Special mention, All-America Selections, 1934

New double cross between inbred strains of Golden Bantam. (4 crosses). Especially noted for earliness, uniformity of maturity, eating quality and high yield. Ready for use 10 days earlier than ordinary Bantam. The ears are the same as Golden Bantam, about 6 inches long and 8 rowed, filled with broad, sweet, golden-yellow kernels. This variety is also resistant to Stewart's Wilt, which feature is highly important to both Home and Market Gardeners. Large Pkt. 15 cts.; ½lb. 30 cts.; lb. 50 cts.; 5 lbs. $1.85; 10 lbs. $3.40.

Yellows-Resistant Wisconsin Ballhead Cabbage

A new development in cabbage, answering the demand for a resistant late storage variety that will mature somewhat earlier and is not so coarse as those now offered. Comes 80% to 100% resistant and is more uniform than any other of its type. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb.$5.00.

Morse's Bunching Carrot

Gold Medal Winner, All-America Selections, 1934

Developed as a market bunching variety but equally as good for home use. Tops are short and rather coarse but strong. Roots are 8 inches long, cylindrical and well stumped. Color is a deep orange. An excellent sort for home gardeners to try. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

New Imperator Carrot

Award of Merit, All-America, Selections 1933

A new variety with sloping shoulders and semi-blunt end; 7 to 8 inches long. Has rich orange color with indistinct core. Bred for a market and shipping variety but fine for the home gardener. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

"Perfected Detroit"—A New Beet

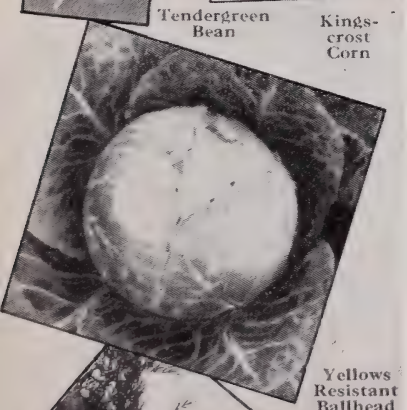
Award of Merit—All-America Selections, 1934

Very superior. Roots are globular, smooth and uniform. Color is dark red throughout with no white rings. Medium tops. Excellent for canning and general use. Fully described on page 45. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

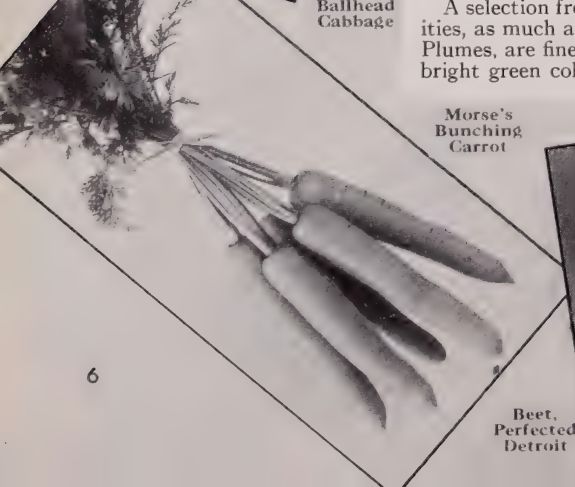
Southern Giant Curled Long Standing Mustard

Gold Medal Winner, All-America Selections, 1935

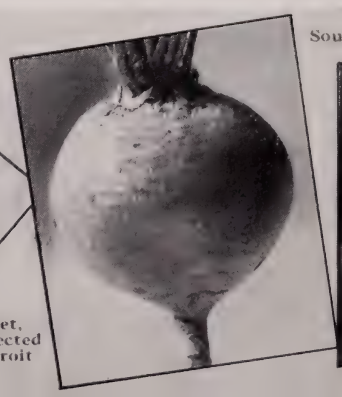
A selection from Southern Giant Curled having remarkable long standing qualities, as much as 10 days to 2 weeks longer than others. Leaves look like Ostrich Plumes, are finely crimped and curled as shown in illustration below and are of a bright green color. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. $1.00.



Yellows Resistant Ballhead Cabbage



Morse's Bunching Carrot



Beet, Perfected Detroit

Southern Giant Curled Long Standing Mustard

For The Home Gardener

New "Full Heart" Endive

Award of Merit, All-America Selections, 1934

New strain of special merit. Has large head with full heart which blanches easily to a beautiful light yellow. Leaves are broad, twisted and slightly curled on edges and have a rich, dark green color. Earlier than and superior to other Batavian varieties. Try this All-America in your garden. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Hungarian Long Slim Pepper

A waxy canary yellow in color turning to crimson at maturity. 5 to 6 inches long, rather slender, tapering to a somewhat twisted point. Very prolific and pungent. 53 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 35 cts.; oz. 55 cts.; ¼lb. $1.70.

New Giant Stride Garden Pea

The earliest giant-podded dwarf variety. Vines about 2 feet tall. Pods average 5 inches long and have 8 to 9 large peas. Both pods and peas are dark green in color. Of high quality and very productive. 80 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.45; 10 lbs. $2.60.

"New York No. 12"—A Sure Heading Lettuce

A new strain of New York head lettuce. The most sure to head of any variety and therefore the best for home gardeners. The heads are almost perfectly round, large, crisp and solid and of a light green color. Prefers cool weather and well fertilized soil. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

New Peerless Parsley

Award of Merit, All-America Selections, 1934

A very dark green, fine curled type, about 8 inches tall. Its important characteristics are hardiness and ability to hold its color into the winter. Good quality and uniformity. Fine for garnishing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Stone Mountain Watermelon

A very large, round melon of excellent quality. Flesh is highly colored, very solid, with fewer seeds than ordinary. Very productive. It can be grown farther north than most varieties and is, therefore, ideal for the home garden. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00; 10 lbs. $11.50.

Livingston's Orange Watermelon

May be considered a novelty, its peculiarity being that when ripened the inner core separates from the rind and by careful cutting of the rind only the entire heart can be lifted out of its shell. Inner portion resembles an orange after peeling, hence the name. Flesh is a beautiful pink shade, very sweet and delicious. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

"Straight 8" Cucumber

New Honey Rock Muskmelon

Gold Medal Winner, All-America Selections, 1933

A new, outstanding variety. About 6 inches through and as round as a ball. Ideal size for making two servings. Flesh is salmon, very thick, sweet and of excellent quality. A fine variety for home gardeners to try. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50; 5 lbs. $7.25.

Livingston's Tip-Top Muskmelon

Tip-Top tops them all for a large, early home garden Muskmelon. Introduced by us in 1892 and, today, still supreme in quality, appearance and productiveness. A large, slightly oblong variety with sweet, juicy, creamy yellow flesh. More fully described on page 59. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00.

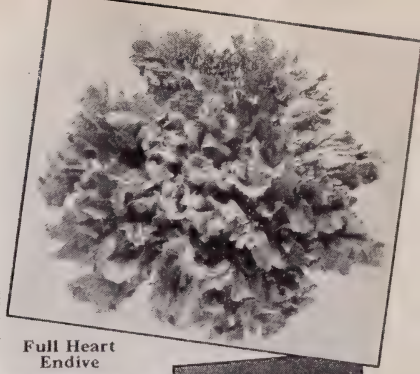
"Straight 8" Cucumber

Gold Medal Winner, All-America Selections, 1935

Under good conditions this new variety typifies its name, running quite straight, regularily eight inches long and about 2 inches in diameter. It is rounded at ends, nearly ideal dark green and almost devoid of objectionable stripings and pale tips. Vines are vigorous and productive. Packets Only, 15 cts. Each.

Vegetable Collection—No. 1

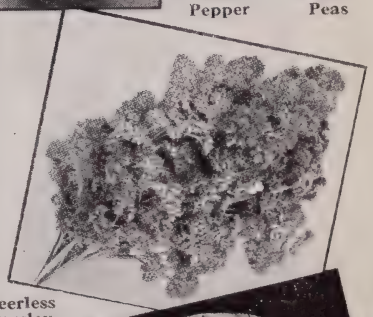
One packet of each variety pictured on this page. 7 pkts. in all. 60c



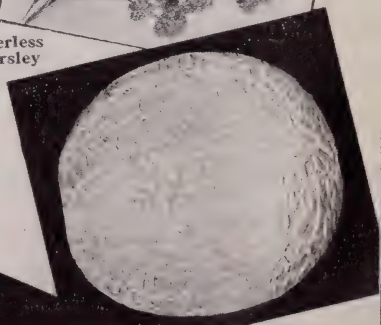
Full Heart Endive

Hungarian Wax Pepper

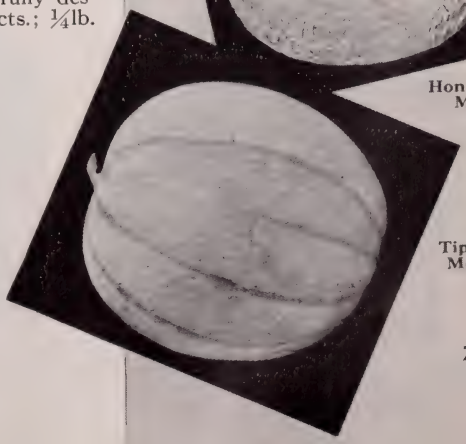
Giant Stride Peas



Peerless Parsley



Honey Rock Melon



Tip Top Melon

Vegetable Specialties That You Can

Grand Rapids Leaf Lettuce

An excellent variety for sowing outside early in the spring and especially adapted to forcing inside. Makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps well after cutting. Sow seed quite shallow to assure germination. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

"King of the Garden" Pole Lima Bean

A very fine old popular variety that has been grown continually by home gardeners who want the better things. Pods are large, containing five to six beans which are of fine quality. The vines grow strong and yield heavily. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Early Scarlet Globe Radish

The most popular globe-shaped early red Radish. Used more than any other both for forcing and outside growing. Has bright red skin and pure white flesh which is crisp, tender and of delicious flavor. Illustrated in color on inside back cover. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.

Livingston's Globe Tomato

Introduced by us in 1905. One of the best for home-garden use. Comes into bearing early and keeps on bearing until frost. Fruits are large, smooth, with firm flesh. Color, a glossy pink. Quality fine, being mild, pleasant and of delicious flavor. Almost blight-proof. Seed is grown by us. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Marglobe—A Wilt and Nailhead Resistant Tomato

Produced by crossing our Globe with other varieties. In reality it is a resistant Globe with a bright red color. It is quite early, large size, almost round and very productive. If you are bothered with wilt, Marglobe should prove highly satisfactory. We grow the seed we offer. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Longfellow Cucumber

An excellent, long, slender, dark green variety that is ideal for the private gardener. It measures 12 to 14 inches long by 2½ inches in diameter and is straight. A good healthy grower, very productive and fairly early. For a large slicing variety, you should grow Longfellow. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.50.

Golden Phenomenal Celery

A newer variety noted for its tall edible stalks which are very thick, crisp and fine flavored. A compact grower with well developed, full hearts. Easy to blanch and recommended for home growing. Pkt. 10 cts.; ¼oz. 40 cts.; ½oz. 60 cts.; oz. $1.00; ¼lb. $3.00.

Riverside Sweet Spanish Onion

An improved strain of the popular Sweet Spanish Onion so highly prized for its mild and delicious flavor. Globe-shaped; attractive yellowish-brown skin; fine keeping qualities. Early spring sowing will produce onions one pound or more in weight. Home gardeners will find it easy to grow. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.; lb. $3.25.

Longfellow Cucumber

Phenomenal Celery

Riverside Spanish Onion

Grow in Your Garden

Disease-Resistant Vegetables

If you have had trouble producing crops of those vegetables listed below, your failure may be due to diseased soil, usually caused by successive crops being grown year after year in the same location. If you feel that your last crop failed because of diseased soil, we recommend that you try the following. Other varieties are listed in vegetable section.

Old Dominion Spinach

A Long-Standing Blight Resistant variety that can be planted in early spring and mature without being blighted, these features making it ideal for home garden use. Leaves are large, crumpled and dark green. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.; 5 lbs. $1.50.

New Marvelous Tomato

A High Quality, Wilt Resistant Pink Marglobe

To those who like a pink tomato but have had trouble growing it because of wilt, we are pleased to present the New Marvelous, the only pink wilt-resistant variety of merit. It is a vigorous grower and heavy cropper. Fruits are large, glossy rose in color, surprisingly free from cracks and of best quality. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

New Hybrid Sweet Corn, Golden Cross Bantam

We consider this the best Bantam Corn developed to date. It is remarkably resistant to "Stewart's Wilt" and therefore assures home growers of better results. It is a heavy yielder, has very uniform stalks and ears and withstands adverse weather conditions. What more could you ask? Large Pkt. 15 cts.; ½lb. 30 cts.; lb. 55 cts.; 5 lbs. $2.35; 10 lbs. $4.40.

Golden Cross Bantam Sweet Corn

Marion Market Cabbage

A yellows-resistant variety. A round headed sort that matures quite early. Heads are very solid, of uniform size and weigh 5 to 8 pounds. Good variety for home gardeners. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

Dominion Spinach

New Marvelous Tomato

Delicious "Trick" Vegetables

BRUSSELS SPROUTS, Pride of Denmark. A species of cabbage. Produces miniature heads from the side of the stalk. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 65 cts.

BROCCOLI, Italian Green Sprouting. Forms a center cluster of bluish green flower-heads and develops lateral sprouts. Served like Cauliflower. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

COLLARDS, True Southern or Georgia. Of the cabbage family. Endures extreme heat. Most excellent for greens. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.

KOHLRABI, Early White Short-Leaved. Forms a turnip-shaped bulb above the ground. Combines cabbage and turnip flavors. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.

LEEKS, Broad Scotch. A hardy onion-like plant that does not form a bulb but is long and thick. Good substitute for onions. Pkt. 10 cts.; ½oz. 15 cts.; oz. 25 cts.

SALSIFY, Mammoth Sandwich Island. A good substitute for oysters. Can be boiled like parsnips and grated and made into balls and fried like oysters. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 65 cts.

Insects and Diseases

WILL DO AN ENORMOUS BUSINESS IN 1935 UNLESS YOU COMBAT THEM

You should plan ahead to protect your crops from insects and plant diseases. Delay or neglect of only a few days often means the loss of a crop or serious injury and your garden does not provide all that it should for the labor and expense invested. We have a **"Spraying and Dusting Calendar"** which you may find of value. It is supplied free with orders. We also offer various Insecticides and Fungicides throughout this catalog, any of which we can highly recommend for their specified purposes.

RED ARROW NON-POISONOUS **INSECT SPRAY** (PYRETHRUM DERRIS SOAP)

Effective and safe spray for flowers and vegetables. Destroys both chewing and sucking insects, including Red Spider, Mexican Bean Beetles. Simply mix with water and spray.

Oz. 40 cts.; ¼ pt. $1.10; Pt. $1.85 Postpaid

See the following pages for other INSECTICIDES AND FUNGICIDES

14 - 27 - 31 - 40 - 44 - 50 - 54 - 58 - 59 - 63

Useful Garden Accessories

Throughout this book you will find listed various Garden Accessories in which you may be interested. All practical and useful. A leader is listed below.

National **Eezy Wear** *Garden Gloves*

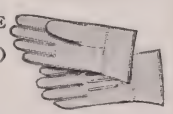
A new type of glove especially designed for garden wear. Gives finger freedom and complete protection. Economical, too, for they will outwear six pairs of ordinary fabric gloves.

Keeps Your Hands in "Party" Condition

ALL LEATHER—SOFT AS KID
DIRT-PROOF DURABLE WASHABLE

Women's Sizes
Small (5½ to 6½) Medium (6½ to 7½)
Large (7½ to 8½)
Men's Sizes
Medium (9 to 10) Large (10 to 11)

Pair 75c; 2 Pair $1.40 Postpaid



Use Livingston's "True Blue"

How to Succeed with Flowers

For Success with Flowers Demand QUALITY SEED

Your success with flowers depends largely upon the quality of the seed you buy and the proper method of growing the plants. There is a difference in the germinating and productivity qualities of flower seeds. If the amount you invest in flower seeds is invested in quality rather than quantity, there is no doubt but that you will have better success.

We both know that seed cannot be exempt from all blame for poor results. The most common cause of failure with flowers is the lack of knowledge in properly growing and caring for seedlings. Being successful is easy if you know a few fundamental principles.

Annuals bloom the same year and die and can usually be started from seed sown directly in the garden in the spring, although earlier bloom can be enjoyed by starting most of them inside. Biennials generally do not bloom until the second season, then die. Most of these can be sown directly in the garden. Some, if started early inside, will bloom the first year. Perennials, including most rock-plants, are hardy, endure winter weather for several seasons and start blooming the second season in the spring. They should be started in flats or boxes any time from late spring to September 1st and set out in the garden in the fall.

Throughout the flower seed section we have endeavored to give you enough information about each variety offered so that you may know whether it is an annual (*a*), biennial (*b*), perennial (*p*), etc. (See key to symbols on opposite page.) We also give its height, whether it prefers sun, partial shade or shade, blooming period in months, where it can be used to best advantage and its proper culture (see opposite page), including the depth to sow the seed.

Too much emphasis cannot be given to the depth to sow seed. Common advice usually given is "Sow seed shallow" and while this is good it is too general. Under each variety heading we are giving, in parts of inches, the depth to sow the seed.

Sowing Seed in the Garden

After frost is out of the ground it should be dug and broken up to a depth of at least 9 inches, mixing in plant food if necessary. Pulverize the top soil well and sow the seed evenly, covering as directed herein. Keep the soil at as even moisture as possible until the little plants appear. Thin or transplant as necessary to prevent crowding. Water thoroughly every few days instead of a light sprinkling every day and cultivate often to keep down weeds and to retain moisture in soil.

Growing Seedlings Inside

The ideal box for growing both flower and vegetable seedlings is a window flat about 3 to 4 inches deep. Where you do not want many plants, any shallow box (a cigar box is ideal) will do very well. In any event, place holes in the bottom for drainage. Fill to a depth of 1 inch with cinders or gravel, and the remainder with good, well sifted garden loam to within ¼ inch of the top and firm down.

Follow directions given under each variety heading as to the depth to sow the seed. After it is sown, place the box in a pan of water and let the water be absorbed from the bottom until the top soil shows moist. Let the surplus water drain out of the bottom, after which place it in a window, preferably with southern exposure, and cover top with glass or heavy paper. Turn this cover several times a day to prevent moisture forming. As soon as the seeds have germinated, remove the cover. Give the seedlings as much air and sunshine as possible but shade them from the noon sun if it is extremely hot. After the plants are well up, keep them cool rather than warm, and grow them slowly. The soil should be kept moist but not wet. This should be done with bottom moisture as above. Before the plants are transplanted into the garden, they should be hardened off. On mild days expose them to the outdoors and they will soon be able to stand the outside weather without injury.

All perennial flowers can be started in these same boxes, but with fresh soil, except that the box is placed outdoors in a cool, shaded location.

The Cause of "Damping Off"

"Damping off" and Rots of seedlings are actually caused by living germs that live in the soil. When seeds are sown in soil containing germs, they become parasites and attack the young roots as soon as they have sprouted. If the seedlings are not killed before they emerge they are attacked again at the soil level and topple over and die. Attention to proper moisture, ventilation and transplanting to prevent overcrowding tends to decrease this disease. The most successful way of combating it is to sterilize the soil with Ansul Dust. (Offered on page 14.)

Transplanting Seedlings in the Garden

A few hours previous to transplanting, water both the seedling box and the soil outside. With a fork carefully loosen and remove the seedlings disturbing roots as little as possible and keeping them from the air. Transplant them a little deeper than they were before, firm down the soil and protect them against direct sun for a day or two until acclimated to conditions.

Livingston's Serial Picture Story—Continued from page 1.

The trend in recent years has been to more and better flowers and Livingston's have kept abreast of the times in this respect. Each season the retail store windows are properly decorated as illustrated by the first picture below which shows one of our windows.

A portion of the 1934 Columbus Fall Flower Show is illustrated below. This was one of many shows in which Livingston's new "Yellow Supreme" Marigold was featured. First honors went to Mr. David A. Thomas of our city.

Again this season Garden Clubs can take advantage of a special offer on "Yellow Supreme" Marigold, a gold medal flower, introduced by Livingston's, seed of which is grown by them as illustrated below.

(Continued on page 11.)

Flower Seeds for Best Results

ALL SEED
Delivered Free Anywhere in the United States Proper

Cultural Directions for Flowers

Under each flower variety heading on the following pages you will find keyed references which refer to the information given below. These keys indicate whether the variety is an annual, perennial, etc., and what culture it takes. The depth to sow the seed is also given. This same information is given on each packet we send you. The depth you sow the seed is very important. Lack of this information has been a common cause of failure with flowers. We hope the simplified way we tell you "how" contributes to your success with flowers this year.

KEY TO SYMBOLS

- *a* **Annuals.** Attain full growth from seed in one year, bloom and die.
- *b* **Biennials.** Generally bloom second year, then die. Some planted early, bloom same year.
- *p* **Perennials.** Endure winters. Live and bloom several seasons.
- *ra* **Rock-Garden Annual.** Usually of dwarf growth.
- *rp* **Rock-Garden Perennial.** Hardy, dwarf growth.
- *h* **House Plants.** Mostly grown inside the year around. Some bloom outside in summer.
- *ca* **Climbing Annual.**
- *cp* **Climbing Perennial.**

Culture A.—Sow seed inside in shallow box of light, well pulverized, moist soil in early spring. Cover to depth as indicated under variety heading herein and firm soil with board. Cover box with glass or paper and place in warm location until germination. After germination, remove cover, supply bottom moisture and place in sunny window. When large enough to handle, thin or transplant 2 inches apart in other boxes and gradually expose to outside conditions. Plant outside after danger of frost. This seed may also be sown outside in the garden in well pulverized soil after frost.

Culture B.—Sow seed outside in well pulverized soil after the last killing frost. Cover to depth indicated under variety heading herein, firm soil and keep moist. Thin or transplant as necessary. If earlier bloom is desired, sow seed inside in shallow box of light, well pulverized, moist soil in early spring. Cover to proper depth and firm soil. Cover box until germination, after which remove cover, supply bottom moisture and place in sunny window. Thin or transplant to other boxes and plant outside after frost.

Culture C.—Sow seed thinly outside in the garden in well pulverized soil after last killing frost. Cover to depth indicated under variety heading herein, firm soil and keep moist. Thin out as necessary so that plants are not crowded. It is best to sow this seed where the plants are to remain as they do not transplant very successfully.

Culture D.—Sow seed outside in early spring as soon as the soil can be well pulverized. Cover to depth indicated under variety heading herein, firm soil and keep moist. Thin or transplant as necessary. For very early bloom, sow outside in late fall just before freezing weather, or can be started quite early inside in box as in culture A and transplanted outside after frost.

Culture E.—Sow seed inside in shallow box of well pulverized moist soil, preferably during spring months. Cover to depth indicated under variety headings herein and firm soil with board. Cover box and place in warm location until germination, after which remove cover, supply bottom moisture and place in sunny window. When large enough to handle, transplant to pots and shift to larger pots as necessary.

Culture F.—Sow seed inside in shallow box of light, well pulverized, moist soil in late winter. Cover seed to depth indicated under variety headings herein and firm with board. Cover box until germination, after which supply bottom moisture and place in sunny window. When large enough to handle, transplant 2 inches apart in other boxes and plant outside after frost is out of the ground. For earlier blooms, sow seed in fall, carry over in cold frame and plant out in spring. June sown seed will bloom in fall.

Culture G.—Sow seed inside in shallow box of well pulverized, moist soil in early spring. Cover to depth indicated under variety headings herein and firm soil. Cover box until germination, after which supply bottom moisture and place in sunny window. When large enough to handle, transplant 2 inches apart in other boxes. When 2 to 3 inches high, shift to pots or can be planted outside after frost.

Culture H.—Sow seed inside in shallow box of well pulverized, moist soil in early spring. Cover seed to depth indicated under variety headings herein and firm soil. Cover box until germination, after which supply bottom moisture and place in sunny window. When plants are large enough to handle, transplant 2 inches apart in other boxes. Plant outside after frost. In the fall take up roots and store in cool, dry place. Seed can also be sown outside after frost.

Culture J.—Sow seed thinly in shallow box of well pulverized moist soil after frost and any time up to August or September 1st. Cover seed to depth indicated under variety headings herein and firm soil with board. Place in cool, shaded outdoor location; after germination, supply bottom moisture. Thin as necessary and transplant to permanent location when large enough to handle. Give protection the first winter. This seed can also be sown in the fall as above, transplanted into coldframes where it is carried through the winter, and planted out in the spring.

Culture K.—Sow seed thinly outside in well pulverized soil in early spring and any time during summer. Cover seed to depth indicated under variety headings herein, firm soil and keep moist. Thin out as necessary. Seed should be sown where plants are to remain as they do not transplant very successfully. Provide protection the first winter. Usually do not bloom until second season.

The Flower Leaflets Listed Below are Free when Asked For with Your Order.

Success with Flower Seed
Growing Annuals
Growing Perennials
Growing Seedlings
Growing House Plants
How to Grow Asters
How to Grow Pansies
How to Succeed with Sweet Peas
How to make a Better Lawn
Principles of Pruning Trees, Shrubs, Roses, etc.
Rock Gardening.
Soil Fertility and Fertilizers
Spraying and Dusting Calendar

Livingston's Serial Picture Story—Continued from page 10.

Livingston's latest contribution to the flower world is a New Double Morning Glory "White Beauty," which is being offered this year for the first time. A large trellis, grown at our farms for seed purposes, is pictured here.

Livingston's operate big flower trial grounds every year. These trials include most all of the standard varieties from the mammoth sized Zinnias to the small and popular Portulacas, both pictured next below. All the promising new things in flowers are also grown. Trials of Livingston's New All-double Giant Fringed Petunia, the only all double strain introduced to date, are shown below. For the past three season this Petunia has created a sensation among flower growers.

(Continued on page 26.)

Everything New

Imp. Giant of California Aster

Culture A. Sow seed ⅛ inch deep. Hgt. 15 to 30 in.; partial shade.

Asters do best in rich soil with ample moisture. Set plants of earlier sorts 10 inches apart and later sorts 15 to 18 inches apart.

If You Love Asters Try Our New Wilt-Resistant Strains

The most pretentious Aster improvement ever accomplished and a boon to the amateur gardener. While Aster Wilt (Fusarium Wilt) in recent years made it almost impossible to obtain any degree of success, these new strains should again give the Aster its deserved place in the flower world.

They are practically immune to wilt but are not resistant to "Yellows." Many customers have written us concerning their success with them in 1934. This year we have added some more new colors. Please note that all varieties that are wilt-resistant are so indicated directly following the variety name.

Giants of California

Improved. This Aster bids fair to become a universal favorite. Characterized by the well-known Crego type of flower, combined with the Beauty Aster's long, non-lateral, branching stems, the California Giants, double type Aster, stands at the head of the list. Florists are demanding these for their discriminating trade, while those who demand the finest for their gardens also choose them. The plants reach a height of 3 feet, blooming from July to frost.

3130 **White.**	Very large	Any one color
3132 **Light Blue.**	Very delicate	Pkt. 10 cts.
3134 **Deep Rose.**	Rich shade	⅛oz. 45 cts.
3136 **Dark Purple.**	Very distinct	¼oz. 85 cts.

COLLECTION: One pkt. each above colors 35c

3140 **MIXED.** Above and others. Pkt. 10 cts.; ⅛oz. 40 cts.

New Super Giant Los Angeles

3125 A new race of Asters which promises to supersede all other strains for size and cut-flower use. Received Award of Merit, 1934 All-American selections. Illustrated and fully described on page 3. Pkt. 25 cts.; ⅛oz. 60 cts.; ¼oz. $1.00.

Improved Crego—Wilt-resistant Strain

An improved, wilt-resistant strain of this fine old, popular type. Flowers are large, double and have long, narrow, gracefully curled and interlacing petals as shown in photograph at right. Plants are robust, branching, about 2½ feet tall. Blooms from late August to late September.

3241 **White** 3242 **Rose** 3243 **Pink** 3244 **Violet**
3245 **Purple** 3246 **Crimson** 3247 **Azure Blue**

Any one above: Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

COLLECTION: One pkt. each above 7 colors 60c

3248 **MIXED.** Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

USE LIVINGSTON'S "CAPITOL BRAND" LAWN SEED and have a better Lawn. See page 80.

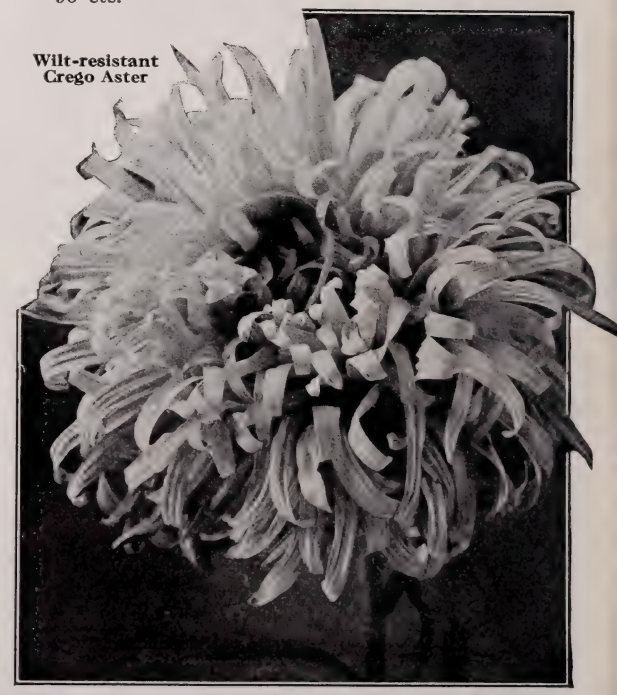
Blue Flame—Wilt-resistant Strain

3238 **Something entirely new in Asters.** Blue Flame is of the Giant Branching Comet class, with large, comet type flowers, fully double on branching plants. The color is a bright navy blue, distinct from any other dark blue or purple aster now offered. Pkt. 25 cts.; 1/16oz. 45 cts.; ⅛oz. 75 cts.

Golden Sheaf—Wilt-resistant Strain

3295 *New.* The deepest yellow aster yet offered and the only one that is wilt-resistant. The flowers are fully double with crest-like center, of good substance and depth of petal. Illustrated and more fully described on page 4. Pkt. 25 cts.; 1/16oz. 50 cts.; ⅛oz. 90 cts.

Wilt-resistant Crego Aster



In Asters Many Improved Strains Wilt-resistant Varieties

Livingston's Superb Mixture of Giant Asters

A magnificent mixture, producing beautiful flowers, gigantic in size, gorgeous in color, perfect in form.

3330 **This mixture includes the cream of all the Asters** of the most beautiful forms and brilliant colors. It has been especially selected from the finest, large-sized, double-flowering types.

Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.50.

Mrs. Herman H. Brandes, Door County, Wisconsin: "*I want to let you know that the Aster seeds we got from you last year were wonderful and were admired by all who saw them. In all I had a thousand plants put out and each one had between three and four dozen blossoms and they bloomed until frost. We were well pleased.*"

A Planting of Wilt-resistant Asters in the garden of Mrs. Clifford and Mrs. Mantor.

Giant Ostrich Plume—Wilt-resistant Strain

A very large-flowering class, the blooms of which resemble the Giant Comet Asters, as they have the same curled and twisted petals. However, the petals are longer, and the whole flower larger.

3263 **White** 3264 **Deep Rose** 3265 **Crimson** 3267 **Pink**
3266 **Dark Blue** 3268 **Azure Blue** 3269 **Peach Blossom**
Any one above: Pkt. 10 cts.; 1/16oz. 20 cts. ⅛oz. 35 cts.

COLLECTION: 1 pkt. each above 7 colors 60c.

3270 **Mixed.** Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.; ¼oz. 65 cts.

Mr. John S. Fitzpatrick, Harvey County, Kansas: "*Your wilt resistant Aster seed I purchased last year were a success 100%. Sturdy plants and wonderful large flowers.*"

New Giant of California Sunshine Aster

New Giant of California Sunshine

3320 **Sunshine, Mixed.** A most attractive new type which has been rightly called the most beautiful Aster in the world. The large flower with its loosely placed, twisted and quilled petals surrounding a cushion center of tiny quills of a contrasting color are altogether charming. (See illustration.) The strain is not entirely fixed but comes 60 to 65% true. Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

American Beauty Asters

American Beauty
Wilt-resistant Strain

The plants are of very strong, vigorous growth, from 2 to 3 feet high. The large flowers, of Semple type, borne on long, stiff stems, bloom in August and last until frost.

3181 **White** 3182 **Lavender**
3183 **Crimson** 3184 **Purple**
3185 **Azure Fairy** 3186 **Carmine Rose**
3187 **Sept. Beauty,** pink

Any one above: Pkt. 10c.; 1/16oz. 25c.; ⅛oz. 45c.

COLLECTION: One pkt. each above 7 colors, value 70 cts. 60c.

3188 **MIXED.** Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.; ¼oz. 85 cts.

SEE OTHER ASTERS AND ASTER COLLECTIONS ON NEXT PAGE

Livingston's Superb Asters—Continued

Semple's Giant Late Branching Aster

King—Wilt-resistant Strain

Similar to the branching type. About 2½ feet high with long, stiff stems. Has distinct type of flower; round, full and very large, many measuring 4 to 5 inches in diameter. Petals resemble quilled varieties but are longer and broader.

3222 **King White** 3224 **Peach Blossom**
3225 **Crimson** 3226 **Blackish Blue**

Any one above: Pkt. 10 cts.; 1/16oz. 20 cts.; 1/8oz. 35 cts.

COLLECTION: **One pkt. each above colors 30cts.**

3228 **MIXED.** Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8oz. 35 cts.

3300 **Truffaut's Peony-Flowered.** **Mixed Colors.** Improved strain of this grand Aster. Large, perfectly double flowers. Height 2 feet. Pkt. 10 cts.; 1/8oz. 25 cts.; 1/4oz. 45 cts.

3294 **PEERLESS YELLOW.** Midway between Cregos and Late Branching varieties. A beautiful yellow flower with centers covered with curled and twisted florets. A vigorous branching type. Considered the best yellow. Pkt. 10 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.

OUR BIG GARDEN CLUB SPECIAL

Livingston's Exhibition Aster Collection 7 Pkts **50c**

All Wilt-Resistant Varieties

One packet each, **Semple's Giant Branching, Mixed; Giant Ostrich Plume, Mixed; Crego, Mixed; Queen of the Market, Mixed; American Beauty, Mixed; King, Mixed; Sensation.** Most complete assortment of early, medium-early and late Asters it is possible to offer at such a price.

Would cost 70 cts. purchased separately

Semple's Giant Late Branching

Wilt-resistant Strain

Comes into bloom from one to two weeks later than most others but is at the head of the list for both home-gardeners and florists because of its large size, fine stem, beauty of form and color. The Chrysanthemum-like bloom is at its best in September. Plants are tall, vigorous, strong and very branching.

3161 **Pure White** 3162 **Shell Pink**
3163 **Azure Blue** 3164 **Purple** 3165 **Crimson**
3166 **Light Blue** 3167 **Peach Blossom**

Any one above: Pkt. 10 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.

COLLECTION: **1 pkt. each above 7 60c.**

3168 **MIXED.** Pkt. 10 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.; 1/4oz. 85 cts.

Improved Queen of the Market

Wilt-resistant Strain

About two to three weeks earlier than most other Asters. They bloom profusely and are of graceful habit. Their shape is very similar to Semple's Giant Branching. Being borne on long stems, they are useful for cutting. Height 1½ feet.

3203 **Crimson.** 3204 **Dark Blue** 3205 **Scarlet**
3206 **White** 3207 **Flesh Pink**

Any one above: Pkt. 10 cts.; 1/16oz. 20 cts.; 1/8oz. 35 cts.

COLLECTION: **One pkt. each above 5 colors 40cts.**

3208 **MIXED.** Pkt. 10 cts.; 1/16oz. 20 cts.; 1/8oz. 35 cts.

3297 **Sensation—Wilt-resistant.** The darkest red of all Asters. Flower is fully double, averaging 3 inches in diameter. The plant is of the true branching type and about 1½ feet high. Pkt. 10 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.; 1/4oz. 85 cts.

3291 **Heart of France—Wilt-resistant.** The best pure red ever introduced. The flowers are large and full with no trace of hollow center. The plants are of the branching type and very robust. Blooms come quite early and continue for a longer period than most others. Pkt. 10 cts.; 1/16oz. 30 cts.; 1/8oz. 50 cts.; 1/4oz. 90 cts.

3310 **Lilliput Flowered** FINEST MIXED. Abundance of small flowers in a large color range. Fine for cutting. Plants 14 to 16 inches high. Pkt. 10 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.

3315 **Aurora.** A splendid free-flowering Aster with large flowers, quilled centers and outer band of broad petals. Color is blue with yellow center. Height 2 feet. Pkt. 10 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.

Hardy Aster (Michaelmas Daisy)

Native wild Asters are ideal for the hardy border or rock garden. They supply masses of dainty and bright colors through all the autumn months when color in the garden is very scarce.

3335 **Alpinus, Mixed.** Culture J; sow seed 1/8 in. deep; height up to 15 inches. Pkt. 15 cts.; 1/16oz. 35 cts.; 1/8oz. 60 cts.

Ansul Formaldehyde Dust

CONTROLS "DAMPING OFF" OF SEEDLINGS

A safe, economical, easy to apply treatment for flower and vegetable seedlings. Controls seed borne diseases and sterilizes soil in one operation. Full directions on can.

1 Pound Can $1.00 Postpaid

SEE OUR BIG BARGAIN COUNTER ON PAGE 1

Choice Antirrhinums

(Snapdragons) *a-p*

Culture D. Sow seed 1/16 inch deep. Hgt. 1 to 2 ft.; sun or partial shade. Fine for cutting and garden decoration. Combines well with Lupines and Dianthus.

Giant-Flowered Maximum. Far surpasses anything yet introduced. Slightly taller than the Majus group. Flowers are of magnificent size, closely placed on long stems. Slightly variable in size and color. (See illustration at right.)

3050 **Old Gold.** Deep golden yellow.
3052 **Canary Bird.** Canary-yellow.
3054 **Purple King.** Deep purple.
3056 **Copper King.** Copper-scarlet.
3058 **Ruby.** Rich, velvety ruby-red.
3060 **The Rose.** Begonia-rose.
3062 **Snowflake.** Pure white, yellow lip.

Any one above: pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 40 cts.

COLLECTION: One pkt. each above 7 colors; value $1.05 85c.

3070 **Livingston's Giant-Flowering Maximum Mixed.**

Every desirable color and shade is in this class. Individual flowers and flower-spikes are of great size. Pkt. 15 cts.; 1/8oz. 35 cts.; 1/4oz. 65 cts.

3072 **LARGE-FLOWERING MAJUS, MIXED.** An elegant assortment of innumerable rich colors and shades. Pkt. 10 cts.; 1/8oz. 25 cts.

New Rust-Proof Snapdragons

Certificate of Honor, All-America Selections, 1935

Rust has discouraged the growing of snapdragons greatly in recent years. After 8 years' work there has been developed rust-proof varieties which will give snapdragons the popularity they deserve. Tests show they are 75% rust proof, having clean, healthy foliage.

3087 **PEARL.** (Maximum Type.) Glistening white. Extra large blooms and spikes. Pkt. 25 cts.; 1/64oz. $1.50.

3088 **CRIMSON.** (Maximum Type.) Pure crimson over-laying a ground of orange. Dark green foliage. Pkt. 25 cts.; 1/64oz. $1.50.

3089 **RUST-PROOF MIXTURE.** Wonderful range of popular colors. Pkt. 25 cts.; 1/64oz. $1.00.

Greenhouse Forcing Snapdragons

3076 **GENEVA PINK.** Has spikes of large, beautiful, glistening rose-pink flowers. Pkt. 20 cts.; 1/32oz. 35 cts.; 1/16oz. 65 cts.

3077 **CEYLON COURT.** Beautiful canary yellow. Pkt. 25 cts.; 1/32oz. 60 cts.; 1/16oz. $1.10.

3079 **CHEVIOT MAID SUPREME.** Improved clear pink. Pkt. 25 cts.; 1/32oz. 75 cts.; 1/16oz. $1.40.

3080 **JENNIE SCHNEIDER.** A Beautiful new, rose-pink, early forcing variety. Pkt. 25 cts.; 1/32oz. 40 cts.; 1/16oz. 75 cts.

3082 **AFTERGLOW.** Deep golden bronze. Pkt. 35 cts.; 1/32oz. 50 cts.; 1/16oz. 80 cts.

3085 **GREENHOUSE VARIETIES, MIXED.** Pkt. 25 cts.; 1/32oz. 60 cts.; 1/16oz. $1.15.

Giant-Flowered Snapdragons

Excelsior Weeder

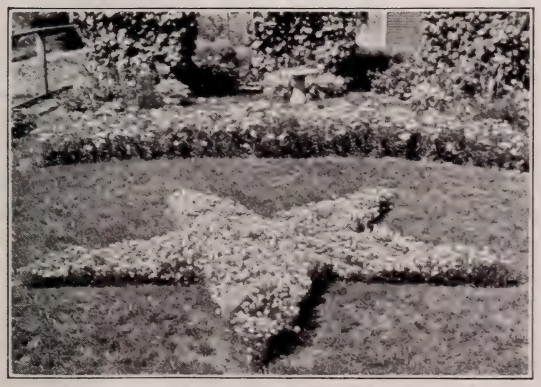
Very useful for weeding seed-beds, stirring soil in hot-beds, cold frames, etc.

25c postpaid

Dwarf Snapdragons For Your Rockery

3074 **Rock Hybrids.** *r* Early-flowering dwarf hybrids, 6 inches tall. Compact bushes. Pkt. 15 cts.; 1/16oz. 25 cts.

3086 **Majestic.** *r* Mixed. A new type of semi-dwarf growth but having flowers of giant size. Pkt. 25 cts.; 1/32oz. 35 cts.



Little Gem Alyssum Star with Phlox Crescent

Sweet-scented Alyssum

Culture B. Sow seed 1/16 inch deep. Hgt. 6 to 9 in.; sun or partial shade; blooms June to frost; fragrant; does well in poor soil. Fine for bedding, cutting, rock gardens and edging.

3032 **Little Gem or Carpet of Snow.** *a* A very dwarf, compact-growing variety. While only 6 inches in height, each plant will carpet a circle from 20 to 30 inches in diameter, and form a solid mass of snow-white flowers of delicious fragrance. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4 oz. 35 cts.; oz. 90 cts.

3030 **MARITIMUM.** *a* One of our most popular hardy annuals. Blooms continually from earliest summer until frost. 10 inches. Pkt. 10 cts.; 1/8oz. 15 cts.; oz. 40 cts.

3036 **LILAC QUEEN.** *a* Of compact habit. Pretty, deep lavender-lilac flowers. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

3034 **Saxatile compactum** *rp* (Golden Saxatile or Basket of Gold). Perennial variety; culture J; sow seed 1/8 in. deep; hgt. 9 in.; blooms May and June. Fine for rock-work; does well in sun or partial shade. Brilliant golden yellow. Pkt. 10 cts.; 1/16oz. 20 cts.; 1/8oz. 35 cts.; 1/4oz. 65 cts.

3028 **ROCK GARDEN MIXTURE.** *rp* Hardy, dwarf sorts. Culture same as above. Pkt. 15 cts.; 1/16oz. 30 cts.

Aquilegia (Columbine) *p* One of Our Most Gracious Plants

Culture J. Sow seed ⅛ inch deep. Hgt. 1½ to 2 ft.; moist, partially shaded location; blooms May to July and leaves handsome foliage to assist other less fortunate blooms. Ideal for bedding and cutting.

3090 **Mrs. Scott Elliott's Strain of Long-spurred Hybrids.** Most popular variety. Extra large blooms with very long spurs. Colors range through most harmonious number of shades fitted for any garden plan. Pkt. 20 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

3092 **LONG-SPURRED SINGLE HYBRIDS.** Large brilliantly colored, long-spurred flowers ranging through every conceivable shade. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

3100 **Chrysantha.** Clear yellow. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

3102 **Caerulea.** *r* Rocky Mountain Blue Columbine. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

3096 **Double Varieties, Mixed.** Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3098 **Single Varieties, Mixed.** Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

Long-spurred Aquilegia

ANAGALIS, The Weather Prophet *ra*

Culture B. Sow seed ⅛ inch deep. Hgt. 6 to 9 in.; prefers sun; blooms from June on. Sometimes called "Poor Man's Weatherglass" because the flowers close at approach of bad weather. Excellent for border and rock-garden.

3038 **Blue Bird.** Turquoise-blue. Spreading plant and free bloomer. Pkt. 10 cts.; ⅛oz. 20 cts. ¼oz. 35 cts.

3039 **Mixed.** Blue and scarlet. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

ASPARAGUS *h*

Culture E. Soak seed over night, sow ½ inch deep. House plants.

3116 **Plumosus nanus.** (Climbing Lace Fern). Half-hardy. Pkt. 15 cts.; 100 seeds 45 cts.

3118 **Sprengeri** (Emerald Feather). Minute rose flowers. Grows freely. Pkt. 10 cts.; 100 seeds 35 cts.

Three Good Subjects For Your Rock Garden

Culture J. Sow seed ⅛ in. deep.

3108 **ARABIS ALPINA.** (Rock Cress.) *rp* Hgt. 6 in.; needs sun; blooms early spring. Hardy perennial with pure white flowers. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼ oz. 45 cts.

3110 **ARENARIA montana.** *rp* Hgt. 6 in.; sun; blooms May and June. Grows in tufts with small white flowers. Pkt. 15 cts.; 1/32oz. 35 cts.; 1/16oz. 65 cts.

3336 **AUBRIETIA, Large-flowering Hybrids, Mixed.** *rp* Hgt. 6 in.; sun; blooms April and May. Fine creeping plant. Mixed colors. Pkt. 20 cts.; 1/16oz. 45 cts.

LADIES' GARDEN GLOVES
Add a pair to your order—See page 9

Anemone

ANEMONE (Wind Flower) *rp*

Culture H. Sow seed ⅛ inch deep. Hgt. 12 to 18 in.; sun or partial shade. An obliging sweet-scented perennial, fine for cutting and ideal for the hardy border or rockery.

3040 **ST. BRIGIDS STRAIN.** The true Irish variety. Fine array of mixed colors varying from maroon to pinks and purples. Plant 12 ins. tall; blooms in May and June. Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

3042 **Sylvestris.** (Snowdrop Windflower.) Sweet-scented white flowers on 12 to 18 inch stems. Blooms in April and May. Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

ANCHUSA *a*

Culture A. Sow seed 1/16 inch deep. Compact plant; 2 ft. high.

3044 **Angustifolia Capensis, Blue Bird.** Vivid indigo blue flowers in drooping clusters. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

Anchusa

The Blue Ageratums *a*

Culture B. Sow seed 1/16 inch deep. Hgt. 4 to 8 in.; sun; profuse bloom from July to frost. Splendid for edging, cutting, rock-gardens, house plants, and porch boxes.

3020 **BLUE CAP.** New. Larger flowers and deeper blue than others. Very dwarf and compact. Pkt. 20 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

3012 **PERFECTION BLUE.** Deep amethyst-blue. Compact growth, 8 inches high. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

3014 **Little Blue Star.** Dwarf, bushy growth, bright blue flowers. Pkt. 15 cts.; 1/16oz. 30 cts.; ⅛oz. 55 cts.

3016 **Mexicanum.** Lavender-blue. 1½ ft. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3018 **FINEST MIXED.** All the best varieties. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

Ageratum

CALAMINTHA *rp*

Culture J. Sow seed ⅛ in. deep. Hgt. 6 in.; blooms May and June.

3376 **Alpina.** Tufted growth; lavender blue flowers. Pkt. 25 cts.; 1/64 oz. 60 cts.

Calendula (Pot Marigold) *a*

Culture B. Sow seed to depth 4 times their size. Hgt. 12 to 18 in.; sun or partial shade; blooms July to frost, even in poor soil. Fine for bedding, borders, house plants and cut-flowers.

3387 **Sunshine or CHRYSANTHA. Gold Medal Winner, All-America Selections 1934.** A clear, buttercup yellow with loosely arranged petals, incurved at center and reflexed at edges. Flowers are four inches across, mounted on strong, wiry stems. Also described on page 3. Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.35.

3385 **Golden Beam.** New introduction from Australia. Strong, wiry stems with buttercup yellow flowers, having long, loose, drooping petals. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

3386 **SENSATION.** Large, double orange flowers with a scarlet sheen. Unexcelled for cutting. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

3384 **RADIO.** A new introduction. Orange flowers of medium size, with beautifully quilled petals. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3380 **Orange King.** Large, full double, deep orange. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3382 **Ball's Orange.** A beautiful variety, adapted to forcing. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

3381 **PASTEL BEDDING MIXTURE.** *New.* Dwarfer types designed especially for the border. Many new shades of apricot, cream and white, as well as orange and lemon. Pkt. 15 cts.; ⅛ oz. 25 cts.; ¼oz. 45 cts.

3388 **FINE DOUBLE MIXED.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.; oz. 40 cts.

See New Calendula, "Shaggy," on Novelty Page 2.

Calendula, Sensation

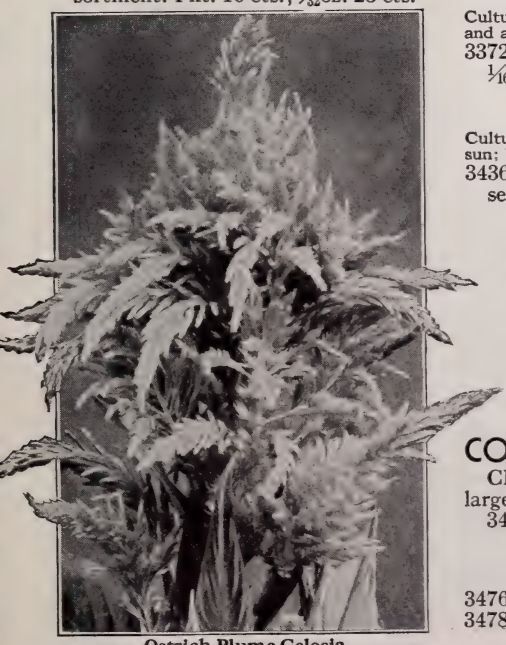
Colorful Begonias *h*

Culture E. Sow seed on surface and firm soil. Hgt. 12 in.; blooms May to October, and inside in winter. Withstands drought.

3364 **Gracilis luminosa.** A brilliant, fiery dark scarlet. The plant is of sturdy growth, forming dense bushes 1 foot high, hidden with flowers from May until frost. Pkt. 20 cts.

3366 **Vernon.** Bright orange-carmine flowers and very dark leaves. Pkt. 10 cts.; 1/32oz. 25 cts.

3370 **Finest Mixed.** A superior assortment. Pkt. 10 cts.; 1/32oz. 25 cts.



Ostrich Plume Celosia

Sturdy, Bushy Balsam *a*

Culture B. Sow seed ⅛ inch deep. Hgt. 1½ to 2 ft.; sun or partial shade; blooms August and September from spring sown seed.

3348 **BUSH FLOWERING, MIXED.** Free-flowering, double. Flowers come in clusters at top of stem. Pkt. 10 cts.; 1/16oz. 25 cts.

3350 **LIVINGSTON'S PREMIUM, FINEST MIXED.** Large, double flowers. Varied and brilliant colors. Pkt. 10c.; ⅛oz. 15c.; ¼oz. 25c.

3352 **Double Camellia-Flowered, Finest Mixed.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

3354 **Double Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.; oz. 60 cts.

3360 **BALSAM APPLE and PEAR (Momordica), Mixed.** *a* Vining. Golden yellow fruit. Brilliant blood-red interior. Pkt. 10c.; ¼oz. 25c.

CACALIA (Tassel Flower or Paint Brush) *a*

Culture A. Sow seed ⅛ inch deep. Hgt. 18 inches; sun or partial shade. Fine in border and as cut flower.

3372 **Mixed.** Scarlet and orange flowers on long wiry stems. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

LARGE-FLOWERING CANNAS *a*

Culture H. File off one end of seed, soak over night and sow 1 inch deep. Hgt. 2 to 3 ft.; sun; blooms July to frost.

3436 **Large-flowering French Hybrids, Mixed.** Easily grown from seed. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.

CELOSIA OR COCKSCOMB *a*

Culture B. Sow seed 1/16 inch deep. Hgt. 2 to 3 ft.; sun; blooms July to frost from spring sown seed. Fine for bedding.

Ostrich Plume Varieties

Graceful, pyramidal plants tipped with brilliantly colored ostrich feather plumes. Height 3 ft.

3470 **THOMPSONI MAGNIFICA. Mixed.** Mammoth blossoms.
3472 **Gold Plume.** Yellow. 3474 **Fire Plume.** Scarlet.

Any one above: Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

COLLECTION: 3 Ostrich Plume varieties above. 25c

CHINESE WOOLFLOWER. Unique type of Ostrich Plume. Forms large globular heads of rich color.

3464 **Crimson.** 3460 **Mixed.** All colors.

Price of either: Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

Comb Varieties

3476 **GLASGOW PRIZE.** Dark crimson. Pkt. 10 cts.; ⅛oz. 25 cts.

3478 **Finest Dwarf, Mixed.** Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

See NEW LILLIPUT MIXTURE on novelty page 4

Coreopsis, Mayfield Giant

Gay Calliopsis *a*

Culture B. Sow seed ⅛ inch deep. Hgt. 1 to 2 ft.; sun; blooms June to August from spring sown seed. Will endure poor soil. Used for bedding, massing and cutting.

3390 **HYBRIDA SUPERBA.** Very showy new hybrids, varying from pale yellow to rich orange and velvety brown. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

3392 **Golden Wave.** (*C. Drummondi*). Large golden yellow flowers with brown centers. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼ oz. 25 cts.

3394 **Mixed Tall Sorts.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25cts.

3396 **Mixed Dwarf Sorts.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25c.

COREOPSIS (Hardy Calliopsis) *p*

Culture J. Sow seed to depth four times their diameter. Hgt. 2 ft.; sun; usually blooms from June on. One of the best yellows for cutting and massing.

3397 **MAYFIELD GIANT.** New strain of Australian origin. Extra tall and vigorous; deep golden-yellow perfect flowers. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

3398 **Lanceolata grandiflora.** (Harvest Moon). Golden Yellow. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

CINERARIA

Culture E. Sow seed on surface and merely cover. Hgt. 18 in.; house plant; does well outside in summer.

3525 **Multiflora Nana.** *New.* Dwarf plants with masses of small self-colored flowers. Dainty foliage. Pkt. 25 cts.

3526 **Livingston's Prize Mixture.** Contains richest colors; large. Pkt. 25 cts.; 1/64oz. $1.25.

3528 **Maritima.** *a* (Dusty Miller). Silvery white foliage. Height, 1 foot. Perennial, but usually grown as an annual. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

Showy Canterbury Bells

(Campanula)

Culture J. Sow seed 1/16 inch deep. Hgt. 6 to 24 in.; sun or partial shade; withstands drought. For bordering, cutting and rock-work.

3420 **Livingston's Prize Mixture.** *b* An elegant mixture of all finest classes and colors of single and double and "Cup and Saucer" varieties. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

3422 **CALYCANTHEMA.** *b* (Cup and Saucer Bellflower). Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

3424 **Finest Double Mixed.** *b* Pkt. 10 cts.; ¼oz. 25 cts.

3426 **Finest Single Mixed.** *b* Pkt. 10 cts.; ¼oz. 25 cts.

3428 **Pyramidalis Mixed.** *p* (Chimney Bellflower). A hardy perennial flowering in late summer. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

3430 **CARPATICA.** *rp* Beautiful free-flowering, hardy perennial. Height 9 inches. Blue and White, mixed. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3431 **ROTUNDIFOLIA. (Blue Bells of Scotland).** *rp* Matted foliage. Dainty blue flowers. Height 12 inches. Pkt. 15 cts.; 1/32oz. 40 cts.; 1/16oz. 75 cts.; ⅛oz. $1.40.

3432 **TURBINATA.** *rp* Grows to 6 inches with beautiful cup-shaped flowers of blue smothering the plant. Pkt. 15 cts.; 1/16oz. 35 cts.; ⅛oz. 60 cts.

New Annual Canterbury Bells *a*

Culture A. Sow seed 1/16 inch deep.

3418 **MIXED. Gold Medal Winner, All-America Selection, 1933.** Blooms from seed in less than six months. Colors include dark and light blue, pink, rose and white. Grows 2 to 2½ feet high and produces 6 to 8 spikes of bloom. Pkt. 15 cts.; 1/16oz. 35 cts.; ⅛oz. 60 cts.

3417 **ANGELES BELL.** Deep rose selection from above. Pkt. 15 cts.; 1/16oz. 40 cts.; ⅛oz. 75 cts.

3419 **LIBERTY BELL. Award of Merit, All-America Selection, 1934.** Deep violet blue. Pkt. 15 cts.; 1/16oz. 40 cts.; ⅛oz. 75 cts.

CANDYTUFT (Iberis) *a*

Culture C. Sow seed 1/16 inch deep. Hgt. 3½ to 12 in.; sun; bloom June to October. For edging and cutting.

3400 **Miniature Gem. (New Hyacinth-Flowered).** A dainty miniature variety about 3½ in. tall, producing 4 to 6 spikes of pure white flowers to the plant. Perfect for rockery. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

3404 **ROSE CARDINAL.** Profuse bloomer; height 8 inches. Pkt. 10 cts.; ¼oz. 25 cts.

3406 **EMPRESS or GIANT HYACINTH-FLOWERED.** Improved strain; height 12 inches. Pkt. 10 cts.; ⅛oz. 20 cts.

3402 **Large-flowering Dwarf, Mixed.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

3412 **Mixed Annual Sorts.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 20 cts.; oz. 45 cts.

Hardy Candytuft

Culture J. Sow seed ⅛ inch deep. Hgt. 9 to 12 in.; sun.

3414 **GIBRALTARICA.** *rp* Lilac, shading to white; blooms early. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 30 cts.

3416 **SEMPERVIRENS.** *rp* Pure white. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

Campanula, Rotundifolia

Fragrant Carnations

Culture G. Sow seed ⅛ inch deep. Hgt. 6 to 12 in.; sun; blooms June to frost. For pot-plants, bedding and rock-gardens. Needs winter protection. Half-hardy.

3442 **Giant Marguerite.** Enormous flowers; colors most varied and brilliant. They come **into full bloom in four months from sowing** and continue until hard frosts. Our strains are semi-dwarf and strong growers. Height, 1 foot. Pkt. 10 cts.; 1/16oz. 15 cts.; ⅛oz. 25 cts.; ¼oz. 45cts.

3440 **LIVINGSTON'S PEERLESS MIXTURE. All bloom the first summer.** A very choice mixture. Pkt. 15 cts.; 1/16oz. 30 cts.

3446 **Chabaud's Giant Perpetual.** Comes into bloom in a little over four months from seed; extra-large size; fine range of colors; is very sweet-scented. Mixed colors. Pkt. 10 cts.; 1/16oz. 25 cts.

3448 **CHABAUD'S GIANT IMPROVED, Mixed.** A greatly improved strain. Blooms of large size, fine form. About 90 per cent double and highly clove-scented. Pkt. 15 cts.; 1/16oz. 25 cts.

3452 **RED GRENADIN.** *p* Hardy perennial. Double red flowers; no outdoor Carnation can equal it. Pkt. 10 cts.; 1/16oz. 25 cts.

3454 **DWARF RED GRENADIN.** *rp* Dwarf variety of above. Pkt. 15 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.

3450 **Fine Double Mixed.** Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

OLD-FASHIONED CENTAUREAS

Culture D. Sow seed ⅛ inch deep. Hgt. 2 feet; sun or partial shade; blooms July to October from spring sown seed. Endures poor soil. Fine for massing and cutting.

Cyanus *a-b*

3486 **BACHELOR'S BUTTON.** The true old-fashioned Bachelor's Button of your grandmother's garden. Mixed colors. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

3490 **DOUBLE BLUE.** Identical in color to the popular single blue variety, but being a full, double flower makes it better for cutting. Also ideal bedder bordered with White Alyssum. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.; oz. 60 cts.

Giant-Flowering Sweet Sultans (Imperialis) *a*

The blooms are borne on long stems. Of the easiest growth; very showy in the garden all summer long.

3496 **Giant Mixed Colors.** An elegant assortment of colors. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.; oz. 85 cts.

3498 **LIVINGSTON'S CHOICE MIXTURE.** Fine blending of Bachelor's Buttons and Giant Sweet Sultans. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.; oz. 85 cts.

White-Leaved Centaureas (Dusty Millers) *a*

Silver-foliaged plants, extensively used for edging, hanging-baskets, house plants, etc.

3502 **Candidissima.** Very thick, broadly cut, silvery white leaves. Height, 1 ft. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

3500 **Gymnocarpa.** Leaves fern-like; silvery gray color. Fine for borders. Height 1½ feet. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.; oz. $1.00.

The Dazzling Cheiranthus *rp*

Culture J. Sow seed ⅛ in. deep. Hgt. 9 to 12 in.; sun; blooms from May on and first year from early sown seed. Best used as biennial.

3512 **ALLIONI.** (Siberian Wallflower.) Dazzling fiery orange, 12 inch stems. Blooms freely and for this reason best used as a biennial. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3514 **Linifolius.** (Alpine Wallflower.) Lilac shade; 9 inches. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

The Curious Chelone *p*

Culture J. Sow seed ⅛ inch deep. Hgt. about 3 ft.; sun. Flowers resemble a turtle's head; useful for cutting.

3510 **Barbata Praecox.** Rich colored early flowering hybrids. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

CARDINAL CLIMBER *ca*

Culture B. Soak seed over night, sow ½ inch deep.

3458 **Annual climber.** Vigorous growth, reaching 20 feet in a season. Beautifully cut foliage. Pkt. 10 cts.; ⅛oz. 20 cts.

Carnations, Giant Marguerite

Silvery Cerastium *rp*

Culture J. Sow seed ⅛ inch deep. Hgt. 4 in.; sun; blooms June and July.

3508 **Tomentosum.** (Snow-in-Summer). Silvery white foliage; abundance of snow-white flowers. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛oz. 35 cts.

COLEUS *a*

GRANDMOTHER'S "Foliage Plant"

Culture A. Sow seed 1/16 inch deep. Hgt. 8 to 12 in.; sun or shade. For bordering and pot culture. Striking colors and brilliant variegated leaves.

3542 **Fine Mixed Hybrids.** Mixed seed from a very fine collection. Pkt. 10 cts.; 1/16oz. 20 cts.; 1/32oz. 35 cts.

3540 **Extra-Fine Mixed Hybrids.** Our finest mixture. Pkt. 15 cts.; 1/32oz. 40 cts.

3544 **Large - leaved Fringed.** Beautiful leaves. Pkt. 20 cts.; 1/64oz. 45 cts.

CHRYSANTHEMUMS *p*

Culture J. Sow seed ⅛ inch deep. Hgt. 2 to 3 ft.; sun; blooms August to October. Used in borders.

3516 **Japanese Hybrids.** Double. Pkt. 15 cts.; 1/32oz. 60 cts.

3518 **Inodorum.** (Bridal Robe). New; pure white; extra fine. Pkt. 10 cts.; 1/32 oz. 20 cts.; 1/16oz. 35 cts.

CLARKIA *a*

Culture B. Sow seed ⅛ inch deep. Hgt. 2 to 2½ feet; sun or partial shade.

3538 **ELEGANS, Choice Double Mixed.** Long stems; exceedingly bright and profuse bloom. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

CRUCIANELLA *rp*

Culture J. Sow seed ⅛ in. deep. Hgt. 18 in.; sun or partial shade. Fine for rockery.

3568 **Stylosa.** Tangled masses of fine foliage; many heads of red flowers. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

Colorful Cosmos for

Extra Early Flowering Cosmos.

Culture B. Sow seed ⅛ inch deep. Hgt. 5 to 6 ft.; sun; blooms August to October from spring sown seed and withstands drought. A decorative garden plant whose value is inestimable and a fine cut flower. Sow both early and late varieties and enjoy them longer. Cosmos with Hollyhocks make a stunning mixed background.

Extra-Early Mammoth-Flowering

This is a new strain of Cosmos selected for size of flowers and earliness. The growth of this variety is very rapid.

3552 **White.** 3554 **Pink.** 3556 **Crimson.**

Any one above: Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.; oz. 75 cts.

3558 **Mixed.** A well-blended mixture of white, pink, and crimson. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.; oz. 75 cts.

3548 **Extra Early Express, Mixed.** Flowers in about 50 days from sowing seed. Medium blooms; height 3 feet. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.; ¼oz. 65 cts.

MAMMOTH PERFECTION GIANTS OF CALIFORNIA

Magnificent strain. The individual flowers are of enormous size and the most perfect form, while the colors are richly brilliant. These represent the highest developed types in Cosmos. Will keep a week in water after being cut.

3560 **Mammoth Perfection, Mixed.** A superb mixture of every color and shade in these splendid Cosmos. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

Mrs. Fred Snyder, Sedgwick County, Kansas, writes: "*Your seeds always grow good and you send the largest package of any firm I have ever bought ssed from.*"

CHOICE GLADIOLUS BULBS
New Varieties, Money-saving Collections. Page 1-B

DRACAENA (Dragon Plant) *h*

Culture E. Sow seed ⅛ inch deep. Sun or partial shade; used extensively as house plant and for porch and window boxes.

3670 **INDIVISA.** Long, graceful, narrow, ornamental leaves. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

The Stately Foxgloves

(Digitalis) *b*

Culture J. Sow seed on surface and merely cover. Hgt. 3 to 4 ft.; sun or partial shade; bloom June and July. The large, tube-like flowers, produced freely in beautiful spikes, add much to hardy beds and borders. Foxgloves bordered with Canterbury Bells make an attractive display.

3650 **Gloxiniaeflora.** A beautiful class, with spotted flowers. We offer a mixture of finest varieties. Pkt. 10 cts; ⅛oz. 20 cts; ¼oz. 35 cts; oz. 85 cts.

3652 **MONSTROSA.** (Mammoth Foxglove). A grand strain. The top flowers of the spikes are of enormous size. Fine assortment of colors. Splendid mixture. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.; oz. $1.25.

3654 **PURPUREA, Finest Mixed.** The common Foxglove so generally known. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.; oz. 85 cts.

"TRUE BLUE" SEED
None Better

Digitalis (Foxglove)

Grow Some

Double Annual Pinks

Culture A. Sow seed ⅛ inch deep. Hgt. 1 foot; sun or shade; blooms July to October. Very popular for bedding and cutting; good rock-garden annual.

3624 **GIANT FRINGED AND RUFFLED PINKS, Double Marvelous or Japanese Fringed Pinks** (*D. mirabilis fl.-pl.*). Remarkable Strain. Double flowers on stiff stems, petals deeply cut with thread-like fringes and twisted in all directions. Mixed colors. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

3632 **Livingston's Mixture of Double Pinks.** A splendid combination of all the best varieties. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.; oz. 85 cts.

3642 **Sweet Wivelsfield.** A new hybrid. Growth is similar to Sweet William but the flowers are larger, with a wider and more brilliant color range. Daintily marked and highly perfumed. Can be grown as a biennial but will bloom the first year from seed. Pkt. 10 cts. ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.50.

Small, odorless tablets. Especially good for pot-plants. 30 tablets 25c.; 75 tablets 50c.; 200 tablets $1.00 Postpaid.

FULTON'S
Plantabbs
ODORLESS PLANT FOOD TABLETS

Autumn

Crested Cosmos

A new class, producing beautifully crested flowers which lend themselves to the most artistic arrangement.

3550 **Double Crested, Mixed.** Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.40.

Double-Crested Cosmos

Orchid-Flowered Cosmos

3562 **Lady Lenox, Pink.** Flowers are 4 to 5 inches in diameter. Color a delightful shell-pink, lighting up beautifully at night. Splendid variety. Height, 6 to 7 feet. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts., oz. 75 cts.

3564 **Lady Lenox, White.** Similar to above except white. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.; oz. 75 cts.

New Golden-Yellow Cosmos

3565 **ORANGE FLARE. Gold Metal Winner, All-America Selections, 1935.** Early strain blooming in 4 months from sowing seed; color a vivid orange. Illustrated and fully described on page 2. Pkt. 25 cts.; 1/16oz. 35 cts.; ⅛oz. 60 cts.

3566 **KLONDYKE, Hybrida.** Golden-yellow single flowers from 2 to 3½ inches across. For good blooms in the north, grow in pots plunged in the soil, thus confining the roots and forcing it to bloom. Pkt. 15 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

Grow DAHLIAS from Seed for New Types and Colors

Culture H. Sow seed to depth four times their size. Hgt. 3 to 5 ft.; sun; blooms July to frost.

3590 **LARGE-FLOWERING CHOICE DOUBLE MIXED.** Very round, double flowers. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.50.

3592 **Cactus Varieties, Choice Mixed.** Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.; ¼oz. 75 cts.

3594 **Livingston's Superb Dahlia Mixture.** Very Choice. Embraces above and many others. Pkt. 15 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.; ¼oz. 85 cts.

CYNOGLOSSUM *a*

Culture A. Sow seed 1/16 inch deep. Hgt. 18 to 24 in.; sun; thrives in dry, hot location and blooms from June to September. Fine for borders and cut flowers.

3576 **Amabile** (Chinese Forget-Me-Not). Produces large sprays of brilliant blue Forget-Me-Not like flowers, delicately sweet-scented. A chinese introduction. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.; ¼oz. 65 cts.

CYPRESS VINE

(**Ipomoea quamoclit**) *ca*

Culture B. Soak seed over night, sow ½ inch deep. Hgt. about 10 ft.; sun.

3580 **Finest Mixed.** A beautiful annual climber, with fernlike foliage and graceful star-shaped flowers. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.; oz. 60 cts.

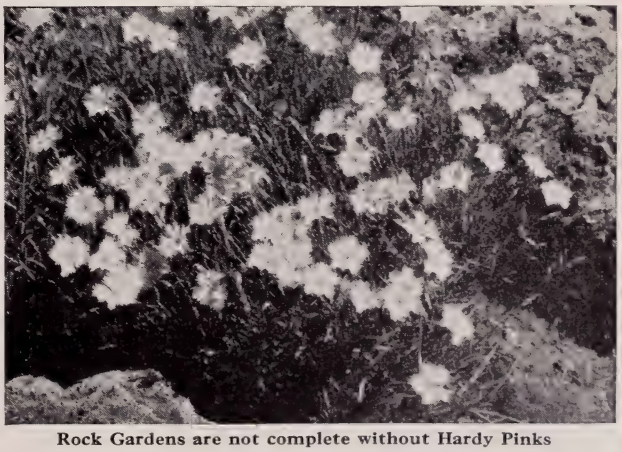
Elegant Dianthus

Hardy Garden or Clove Pinks

Culture J. Sow seed ⅛ inch deep. Hgt. 1 foot; sun; blooms May to October. Fine for edging, cutting and rock-gardens.

3623 **Allwoodii alpinus.** *rp* New novelty. Grows 4 to 6 inches high, has both single and double flowers in beautiful mixed colors. Excellent for rock work. Pkt. 25 cts.; 50 seeds 60 cts.; 100 seeds $1.00.

3622 **ALLWOODII.** *rp* Very hardy, blooming from early spring until late fall. Flowers come in every color except yellow and a good per cent of them are double. Pkt. 20 cts.; 50 seeds 50 cents; 100 seeds 85 cents.



Rock Gardens are not complete without Hardy Pinks

Mixture of Hardy Garden Pinks

3630 **DELTOIDES** (Maiden Pink.) *rp* A beautiful little plant, with narrow leaves and quantities of small crimson flowers. Adapted to rockeries. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

3628 **Caesius** (Cheddar Pink). (*D. plumarius.*) Forms dense tufts of plants only a few inches high and has rosy pink, sweet-scented small flowers. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.

3634 **Single Large-flowering Grass** or **Spice Pinks, Mixed.** Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3638 **Double Large-flowering Grass** or **Spice Pinks.** (*D. plumarius semperflorens fl.-pl.*). Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

3636 **LIVINGSTON'S MIXTURE OF HARDY GARDEN PINKS.** A magnificent strain of choice single and double hardy sorts; bright and brilliant colors. Contains every variety on this page and others not listed. Illustrated at left. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.; oz. $1.00.

Livingston's Select Delphinium

(Hardy Perennial Larkspur)

Culture J. Sow seed to depth four times their size. Hgt. 2 to 6 feet; persistent bloomer from June to August and thrives in sun or partial shade and driest seasons. Rich soil will produce larger and better blooms. Excellent for cutting and a fine hardy border plant. Blends well with oriental Poppies and Shasta Daisies.

3610 **New Giant-Flowering Hybrids** **MIXED.** Magnificent class producing splendid spikes, 2 to 5 feet in length, of immense semi-double and double flowers. The colors are most beautiful, ranging from pure white through all the shades of lavender and blue. Pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 40 cts.; 1/4oz. 75 cts.

3612 **BELLAMOSA.** A rich, dark blue form of the popular light blue Belladonna. Pkt. 20 cts.; 1/8oz. 50 cts.; 1/4oz. 85 cts.

3614 **BELLADONNA.** Light sky-blue flowers, with light centers; a very fine variety. Height, 4 feet. Pkt. 20 cts.; 1/8oz. 50 cts.; 1/4oz. 85 cts.

3616 **Wrexham (Hollyhock Strain).** **The greatest advance yet made in this splendid class.** Enormous spire-shaped spikes with both single and double blooms, some fully 3 inches in diameter. Our mixture is imported and contains all the colors peculiar to the Delphinium. Pkt. 35 cts.; 1/16oz. 65 cts.; 1/8oz. $1.25.

3618 **Cambridge Blue.** (**Chinese Delphinium**). *New.* Its quality is expressed in its color, a brilliant light blue, far surpassing that shade in Belladonna. Treated as an annual it blooms from seed the first year if sown early. Height 2 to 3 feet. Pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 40 cts.; 1/4oz. 75 cts.

ANNUAL DELPHINIUMS. See Larkspur, page 26

Delphinium

The Profuse Daisies

a **ANNUAL—Culture C** *b* **PERENNIAL—Culture J**

Sow seed 1/8 inch deep; sun or partial shade; used in borders and fine for cut flowers. Does best in rich soil and cool situation; needs protection in winter.

3596 **Arctotis Hybrids.** *a* A new introduction from South Africa. Showy daisy-like flowers 2 to 3 inches across in various shades of red and orange. Grows about 12 inches in height. Further described on page 5. Pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 40 cts.; 1/4oz. 75 cts.

3598 **Arctotis Grandis** (African Daisy). *a* Glistening white variegated by undersurface of pale lilac-blue. Useful as cut-flowers from June until frost. Height 2 to 3 feet. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

3600 **Bellis Perennis, Monstrosa Mixed.** (English Daisy.) *rp* Includes the Pink and White Monstrosa as well as many other fine sorts. Hgt. 6 inches. Blooms May and June. Pkt. 10 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.

3608 **SHASTA DAISY.** *p* Large flowers with three or more rows of pure white petals. Blooms abundantly for several months. Pkt. 10c.; 1/16oz. 20c.; 1/8oz. 35c.

3609 **Giant Double White Shasta.** *p* *New.* (Diener Strain). Comes about 50% double with remainder semi-double and single. All beautifully frilled and curled. More fully described and illustrated on page 5. Pkt. 35 cts.; 1/32oz. $1.00.

Vase arrangement of California Poppies

The Beautiful California Poppies *a*

(Eschscholtzia)

Culture C. Sow seed 1/16 inch deep. Hgt. 12 in.; sun or partial shade; blooms profusely from June to September even in poor soil. A free-flowering plant with silvery foliage. Fine for bedding, edging and cutting.

3677 **The Geisha.** Rich golden inside, orange crimson outside. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

3678 **Auriantiaca.** Golden yellow. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

3679 **Scarlet Beauty.** Deep scarlet. Pkt. 10 cts.; 1/8oz. 30 cts.; 1/4oz. 50 cts

3680 **GOLDEN WEST.** Intense yellow and orange flowers of giant size. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz 30 cts.

3682 **Finest Double Mixed.** Pkt. 10c.; 1/8oz. 25c.; 1/4oz 40c.

3684 **Finest Single Mixed.** Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

3686 **GOLDEN CUP HUNNEMANNIA.** (Bush Eschscholtzia). *p* Jonquil-yellow, cup-shaped flowers with vivid bright orange stamens. Best used as annual. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

3687 **Sunlight Hunnemannia.** (Tulip Poppy). *p* **Award of Merit, All-America Selections, 1934.** A clear canary-yellow hardy Poppy but best used as annual. Makes lasting cut-flower; blooms over a long season. Illustrated on page 3. Pkt. 10 cts ; 1/8oz. 30 cts.; 1/4oz. 50 cts.; oz. $1.25.

The Brilliant Gaillardias

(Blanket Flower)

a ANNUAL. Culture B *p* PERENNIAL, Culture J

Sow seed ⅛ inch deep. Hgt. about 2 ft. Both sorts bloom from June to frost. They are profuse bloomers and have brilliantly colored flowers. Wonderfully effective in beds, borders and as cut-flowers. Plant food (4-12-4) increases strength and bloom.

3710 **INDIAN CHIEF** *a* Its name suggests something unusual and it is that. Has dark brown center with glittering bronzy red petals. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3702 **Finest Single Annual, Mixed.** Brilliant colors. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3704 **FINEST DOUBLE ANNUAL, MIXED.** Free blooming. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

3696 **Burgundy** *p* Claimed to be the best red hardy Gaillardia. Color is a coppery-scarlet, more easily described as wine-red. Flowers are about 2½ inches across and mounted on long stems. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

3698 **The Dazzler** *p* The best Gaillardia of the giant-flowering type. The large, dark red flower with its bright orange tips is very attractive. The new improved strain we are offering is very vigorous. Pkt. 10 cts.; ⅛oz. 35 cts.; ¼oz. 65 cts.

3700 **Portola Hybrids.** *p* Very large, with colors ranging through shades of bronzy red, and having petals tipped with gold. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

3706 **GRANDIFLORA HYBRIDS, Finest Mixed.** *p* One of the most elegant perennials; is in continuous bloom from June until frost. Enormous red and yellow flowers. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

The Dazzler Gaillardia

The Best of the Giant-flowering Types

DICENTRA (Bleeding Heart) *p*

Culture G. Sow seed to depth four times their size. Hgt. 1 to 2 ft.; sun or shade. Fine border plant.

3648 **Eximia.** (Plumy Bleeding Heart). Dwarf sort with finely cut foliage and showy racemes of pink flowers. Perfectly hardy anywhere. Pkt. 25c.; 1/16oz. 40c.; ⅛oz. 75c.

DIDISCUS (Lavender Lace) *a*

Culture B. Sow seed ⅛ inch deep. Hgt. 18 in.; blooms from July to November. Excellent for cutting.

3644 **Caerulea.** Exquisite pale lavender blossoms; profuse blooming, as many as 50 flowers open at one time. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

EDELWEISS *rp*

Culture J. Sow seed ⅛ inch deep. Hgt. 6 in.; blooms June and July; does best in dry, sunny location.

3672 **Large Flowered.** Flowers of downy texture, pure silvery white and star-shaped. Pkt. 25 cts; 1/32oz. 50 cts.; 1/16oz. 95 cts.

ERIGERON *p*

Culture J. Sow seed ⅛ inch deep. Hgt. 24 in.; blooms July to September.

3674 **Speciosus Grandiflorus.** Single Aster-like flowers of a rich lavender-purple with yellow center. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

Gypsophila (Baby's Breath)

FEVERFEW (Matricaria) *a-p*

Culture B. Sow seed ⅛ inch deep. Hgt. about 12 in.; blooms June and July.

3690 **Capensis Fl. Pl.** Small, double white flowers. Adapted to bedding, pot culture and cutting. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

FORGET-ME-NOT. See Myosotis, page 29.

FOUR O'CLOCK. See Marvel of Peru, page 29.

Gypsophila (Baby's Breath)

a ANNUAL, Culture C *p* PERENNIAL, Culture J

Sow seed ⅛ inch deep. Hgt. 1 to 3 ft.; grows most any place; blooms from June on. Used for borders, cutting, rock-gardens and everlastings.

3758 **PACIFICA.** *p* Especially hardy. Forms dense bushes and attains height of 4 feet. Has rose-pink blossoms and flowers later than the Paniculata. Pkt. 10 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

3760 **Repens.** *p* A beautiful trailing plant for the rockery. Has numerous small, white and pink flowers in July and August. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

3762 **Elegans alba grandiflora** (Paris Market). *a* This is an improved, large-flowering, pure white, annual Baby's Breath of free, easy growth. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 45 cts.

3764 **Paniculata.** *p* An elegant hardy perennial. Its delicate little flowers are produced in feathery white panicles. Fine for everlastings. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

3766 **Paniculata fl.-pl.** *p* Double. Pkt. 25 cts.; 1/16oz. 35 cts.; ⅛oz. 60 cts.

Mr. G. B. Lowry, Pierce County, Washington: *"Livingston's Seeds are O. K. on Pacific Coast."*

Helichrysum, Monstrosum

GEUM *rp*

Culture J. Sow seed ⅛ inch deep. Belongs to Rose family. Hgt. 18 in.; sun or partial shade; blooms May and June. For borders and rock-gardens.

3716 **MRS. BRADSHAW.** A splendid variety with large, double, fiery red flowers. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

3718 **Lady Stratheden.** (Golden Ball.) A fine golden yellow flower of loose double formation. Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

GERANIUMS *a*

Culture G. Sow seed ⅛ inch deep. Hgt. 1 to 2 ft.; sun; long bloomer. Fine bedding or bordering plants. Also good for pots and hanging baskets.

3720 **Finest Mixed.** Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

GLOBE AMARANTH *a*

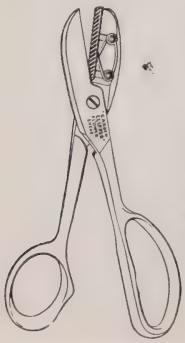
Culture B. Sow seed ⅛ inch deep. Hgt. 18 in.; sun.

3736 **Mixed.** Flowers resemble clover-heads. Fine for beds, borders and everlastings. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

GOURDS *ca*

Culture C. Sow seed to depth four times their size. Sun; blooms July from spring sown seed. Unique and ornamental foliage and fruits.

3750 **Gourd Mixture.** Pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.



GARDEN CLIPPER SHEAR

An improved shear for cutting flowers and picking fruits, being equipped with an automatic grip which holds them. Indispensable for Roses and other thorny flowers. Absolutely the best accessory we have seen at this low price.

60 cts. Postpaid

Helichrysum *a*

(Everlasting Straw Flower)

Culture B. Sow seed ⅛ inch deep.

MONSTROSUM FL.-PL. Succeeds in any good garden soil, prefers sun. The large, double flowers of rich, glittering colors in August and September make fine display in beds and borders, but are especially grown to dry for winter use inside. For this, they should be cut when flowers are about one-third open and with as long stems as possible; foliage removed; tied in bunches and hung up with heads downward in some dry place until stems are thoroughly dry. Hgt. of plant 2 to 3 ft.

We offer these choice colors and our special mixture.

3780 **Golden Globe**	3792 **Salmon**
3788 **Crimson**	3794 **Violet**
3790 **Rose-Carmine Shades**	3798 **Scarlet**
	3800 **White**

Any one above: pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

COLLECTION: One pkt. of each above, value 70 cts. **50c**

3802 **Mixed.** A mixture of the above and other colors. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.; oz. 75 cts.

The Fragrant Heliotrope *a*

Culture G. Sow seed ⅛ inch deep. Hgt. 18 to 24 inches; prefers sun; blooms July to October from spring sown seed. Has delicious fragrance. Fine for bedding, pots and bouquets.

3776 **All Sorts Mixed.** In best assortment; all shades, both light and dark. A very desirable strain. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.

3774 **LEMOINE'S GIANT HYBRIDS.** Grand flowers, double the size of the older sorts. Bushes compact, heads of mammoth blossoms often measure a foot across. Deliciously fragrant. Produces flowering plants by July, which continue in flower until frost. Mixed, including Purple, White, Lavender, and Blue. Plant, 18 inches high. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

HELIANTHEMUM (Rock Rose) *rp*

Culture J. Sow seed to depth four times their size. Hgt. 8 to 12 in.; sun; blooms June to August.

3770 **Mutable.** Forms large clumps with rose, lilac, white and yellow flowers with silk-like petals. For bedding and rock-gardens. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

HEUCHERA (Coralbells) *rp*

Culture J. Sow seed 1/16 in. deep. Hgt. 18 in.; sun or partial shade; blooms July and August.

3806 **Sanguinea.** Low growing foliage from which shoots spikes with bright red small flowers. Fine for cutting and rock-gardens. Pkt. 10 cts.; 1/32oz. 50 cts.; 1/16oz. 90 cts.

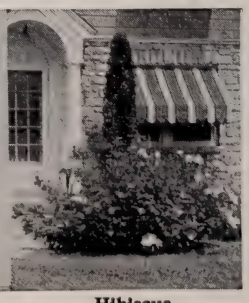
HIBISCUS (Marshmallow) *p*

Culture J. Sow seed ⅛ inch deep. Hgt. 4 to 5 ft.; prefers moist, partially shaded location; blooms July to October. Especially adapted to background and border planting.

3966 **Mallow Marvels.** A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink, and white. **Mixed Colors,** pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

Helianthemum

Heuchera



Hibiscus

The Best Hollyhocks

a ANNUAL, Culture A *p* PERENNIAL, Culture K

Sow seed to depth four times their size. Hgt. 5 to 8 ft.; requires rich soil and sunny location but withstands drought; blooms in July. Once established they bloom stronger and better every year. When transplanting, trim the roots well. This causes new, healthy root growth. If the tops are large, cut them back to the crown leaving the blossom shoots if showing.

3808 **Double Triumph.** *p* A new variety of branching habit. Fine waved and fringed flowers on tall stems. Entirely new range of colors. Pkt. 15 cts.; ⅛oz. 35 cts.; ¼oz. 65 cts.

LIVINGSTON'S PRIZE HOLLYHOCKS. *p* The largest flowering and most perfectly double Hollyhocks we have been able to procure after many years of selection of only the best varieties. The colors are rich and brilliant, the plants free from disease.

3810 **Double Black**
3812 **Double Lemon-Yellow**
3814 **Double White**
3816 **Double Rose-Pink**
3818 **Double Crimson**
3820 **Double Scarlet**
3822 **Double Salmon**

Each color, pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

Livingston's Prize Mixture

3824 Our best perennial mixture. Composed exclusively of finest double-flowering varieties. Contains above colors and innumerable other shades.

Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts. oz. 75 cts.

3826 **Mammoth Allegheny.** *p* Large flowers in colors from the palest pinks to the deepest reds. Lovely fringed and transparent petals. Contains single, semi-double and double kinds. Blooms from July to frost. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

3828 **Mixed Annual Everblooming.** *a* Glorious new hybrids which can be treated the same as annuals and will bloom the same year from seed. Started inside, they will bloom in July. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

Mr. O. Hoffmeister, Marion County, Indiana, writes: "*I am writing this to state that my flower and vegetable gardens came in the money in the garden contest which closed July 31st. The biggest question that is asked me, 'Whose seeds do you use' so I always recommend Livingston's.*"

KENILWORTH IVY *rp*

Culture J. Sow seed 1/16 in. deep. Trailing; adapted to shade.

3840 **Linaria Cymbalaria.** Lovely little lavender and purple flowers and exquisite foliage. A trailer for vases, hanging baskets and rockeries. Pkt. 10 cts.; 1/16oz. 25 cts.

KOCHIA *a*

Summer Cypress or Burning Bush

Culture B. Sow seed 1/16 in. deep. Hgt. 3 ft.; sun.

3844 **Childsi.** Globe-shaped bushes with pea-green slender leaves until September when they turn blood-red and are tipped with small scarlet flowers. Grows quickly. Pkt. 10 cts.; ¼oz. 25 cts.

KUDZU VINE *cp*

Culture C. Soak seed overnight, sow ½ in. deep.

3848 **Pueraria Thunbergiana.** Japanese origin. Reaches 8 to 10 feet the first year and attains height of 50 feet. Unequaled for porches, arbors and trellises. Pkt. 10 cts.; ⅛oz. 20 cts.

Liatris

Design made with Kochia

Livingston's Prize Hollyhocks

LANTANA *a*

Culture G. Sow seed ⅛ in. deep. Hgt. 1½ ft.

3852 **Mixed.** Popular, free-blooming, and very rapid growing plants with flower-heads of various colors, which are continually changing; emit a powerful aromatic perfume; plants are completely loaded with blossoms, succeeded by berries which, when ripe, turn deep blue. For summer bedding and inside winter-blooming. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

LAVENDER *p*

Culture J. Sow seed ⅛ in. deep. Hgt. 3 ft.; blooms July to September.

3886 **Lavandula vera.** True Lavender. Very sweet-scented flowers. Pkt. 10 cts.; ⅛oz. 20 cts.

LIATRIS

(Kansas Gay Feather) *p*

Culture J. Sow seed ⅛ inch deep. Hgt. 4 to 5 ft.

3888 **Scariosa.** A rare North American Species. Blooms from the top downward, the reverse of all other spikes. Flowers are rosy-purple. (See illustration at left.) Pkt. 10 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.

Spray with RED ARROW. See page 9

New Giant Imperial Base-Branching Larkspurs. You'll enjoy growing these.

Try These Improved

(Annual Delphinium)

Culture D. Sow seed ⅛ inch deep. A much improved old-fashioned flower. Thrives in almost any soil, in sun or partial shade. Blooms July to September from spring sown seed; hgt. 2 to 3 ft.

Light and dark blue Larkspurs with orange and lemon Marigolds make a fine cut-flower combination. Larkspurs with Viola cornuta combine well in the shady border even in hot late summer.

New Giant Imperial Larkspurs

These new upright base branching Larkspurs with long (about 2 feet) straight upright flower spikes are much superior to all others for cut-flowers. (See illustration at left.) Here is a real improvement that you should enjoy. Offered in colors and mixture.

3880 **BLUE BELL. Special Mention, All-America Selections, 1934.** A fine medium blue, until now lacking in the imperial type. Decidedly upright and base branching. Pkt. 15 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.

3873 **Blue Spire**	3877 **Carmine King**
3874 **Lilac Spire**	3879 **Miss California, Pink**
3875 **White Spire**	3881 **All Colors, Mixed**

Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.; oz. $1.50.

Stock-Flowered Larkspurs

3872 **EMPRESS ROSE.** *New.* Tallest and best of all salmon-pink shades. It is of the double, branching, stock-flowered type. Very promising. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

3860 **LA FRANCE.** A pleasing salmon-pink, and without question, the most striking in color of all the Tall Stock-flowered Larkspurs. It is more resistant to mildew and much more vigorous and tall growing than the class. The large, well-formed double flowers are well placed on long stems and present a beautiful appearance. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

		Pkt.	⅛oz.	¼oz.
3862 **Tall Stock-flowered.**	White	$0.10	$0.20	$0.30
3864 **Tall Stock-flowered.**	Shell-pink	.10	.20	.30
3866 **Tall Stock-flowered.**	Bright rose	.10	.20	.30
3868 **Tall Stock-flowered.**	Dark blue	.10	.20	.30
3870 **TALL STOCK-FLOWERED. All Colors Mixed**		.10	.20	.30

For Perennial Larkspur, see Delphinium, page 22

The Airy Linum (Flax) *rp*

Culture J. Sow seed ⅛ inch deep. Hgt. 18 to 24 in.; blooms from May to September; sun or partial shade. Makes fine shady border with Shasta Daisies.

3896 **Perenne Blue.** Dainty sky-blue flowers on graceful arching stems. Blooms profusely and continuously. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

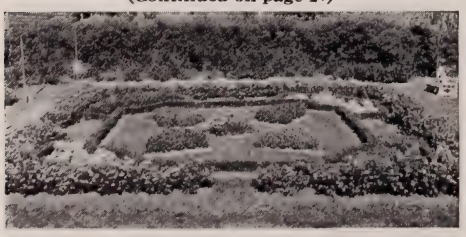
3898 **Flavum.** Same as above blue in habit but produces masses of golden-yellow flowers. Makes very showy rock-plant. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

Livingston's Serial Picture Story

(Continued from page 11)

Prospective seed buyers are, no doubt, interested in knowing what success others have with our seed. Several convincing illustrations are being shown. The one below is of a very interesting design worked out by Mr. Cenci.

(Continued on page 29)



Hardy Lilies From Seed

3890 **REGALE.** This Lily is absolutely hardy, and is excellent for forcing. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most Lilies. Blooms outdoors early in July, and seedling bulbs will flower the second year. The seeds can be sown inside during spring months or in flats in the greenhouse at any time, giving the same treatment as tomato seed, and lined outside in rows about 4 inches apart as soon as weather permits. These will do well in any soil with good drainage and will give you a blooming size bulb the second year. It will be necessary to lift the bulbs grown from seed the first year, just after the first killing frost in the fall, and plant them back immediately in order to get them 4 to 6 inches deep. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

Delightfully Perfumed Regale Lilies

Larkspurs *a*

New Rosamond Larkspur

3858 **Rosamond.** New stock-flowered Larkspur. **Gold Medal Winner, All-America Selections, 1934.** The color is new and distinct, a pure bright rose. Its other features are earliness and uniform height. Further described on page 3. Pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.

Grow Some Graceful LUPINES

ANNUAL. Culture B. Soak seed overnight, sow 1/2 in. deep. Prefers partial shade. Graceful spikes of pea-shaped flowers. For better success inoculate this seed. Inoculator offered below.

3916 **Hartwegi, Mixed.** Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 60 cts.

3918 **HARTWEGI GIANTS, Mixed.** *New.* A remarkable improvement; received award of merit, 1933. 3 to 4 feet tall; branches freely from the base, producing 4 to 6 extremely long, erect spikes having many more blossoms than the old type. Pkt. 15 cts.; 1/8oz. 25 cts.; 1/4oz. 40 cts.

Polyphyllus

PERENNIAL. Culture J. Soak seed overnight, sow 1/2 in. deep. Hgt. 3 ft. Blooms May and June.

	Pkt.	1/4oz.	Oz.
3920 **White**	$0.10	$0.25	$0.65
3922 **Blue**	.10	.25	.65
3924 **Rose**	.10	.35	.90
3926 **Mixed**	.10	.25	.65

LUNARIA *a*

3910 **Annua** (Honesty or Money Plant). Purple flowers followed by silvery seed pods. Culture K. Sow seed to depth four times their size. Fine for winter decoration. Pkt. 10 cts.; 1/8oz. 25 cts.; 1/4oz. 45 cts.

Lupine

LOBELIA *a*

Culture G. Sow seed on surface and merely cover. Profuse bloom from July to October. Hgt. 6 in.; partial shade preferred; fine for border ng, hanging baskets, and window boxes; good rock-garden annual.

3900 **Crystal Palace Compacta.** Best dark blue sort for edgings and carpet bedding. Pkt. 10 cts.; 1/8oz. 35 cts.; 1/4oz. 60 cts.

3902 **Gracilis.** Fine for hanging-baskets, vases, and window-boxes. Light blue; a trailing variety. Pkt. 10 cts.; 1/8oz. 20 cts.

3904 **Mixed Compacta Sorts.** A fine mixture of best varieties. Pkt. 10 cts.; 1/16oz. 20 cts.; 1/8oz. 35 cts.

LYCHNIS *p*

Culture J. Sow seed 1/8 in. deep. Hgt. 2 ft.; sun. Good border plants.

3930 **Mixed Hybrids.** Compact, bushy plants with flowers from pure white to deepest red. Blooms first year if sown early. Pkt. 10 cts.; 1/16oz. 20 cts.; 1/8oz. 30 cts.

3932 **Viscaria Splendens.** Makes large clumps of almost evergreen foliage with deep red flowers. Pkt. 10 cts.; 1/8oz. 15 cts.; 1/4oz. 25 cts.

Moonflowers *ac*

(Ipomoea noctiflora)

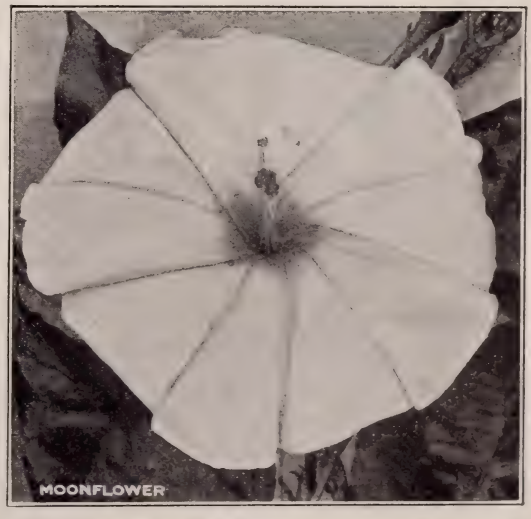
Culture B. Cut off small end of seed, soak and sow 1 inch deep. Climbing; prefers sun; blooms September to frost from spring sown seed. Ideal for trellises, arbors, etc.

4012 **NORTHERN LIGHT.** The earliest blooming of all the Moonflowers. Its lovely pink flowers are produced by the thousands all summer and fall. Pkt. 10 cts.; 1/4oz. 15 cts.; oz. 35 cts.; 1/4lb. 90 cts.

4014 **WHITE SEEDED.** Large in flower, firm in texture, and very fragrant. It bears in graceful profusion its immense, lovely, white flowers, 5 to 6 inches in diameter, with a five-pointed star in the center. Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 40 cts.

4016 **Cross-Bred** or **Hybrid.** A variety of great value for the North, as it is in bloom a month earlier than the above. Flowers are pure white. Height, 20 to 40 feet. Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 40 cts.

Miss Lizzie Burress, Green County, Kentucky: "*I have been buying seed from Livingstons for 20 years and always find them good.*"



Mrs. Lottie Barnett, Audrain County, Missouri: "*Have planted your seeds for years and the Zinnias and Petunias have been greatly admired by everyone.*"

MESEMBRYANTHEMUM *a*

(Livingstone Daisy)

3975 **CRINIFLORUM.** A profusion of daisy-like flowers, 2 inches across, in every imaginable shade and color. Ideal rock, carpet or edging plant. Culture C. Sow seed 1/16 inch deep. Pkt. 20 cts.; 1/32 oz. 50 cts.

Lupine Inoculator

Lupins are legumes, and can absorb nitrogen only from the air through the aid of nodules on the roots. Inoculation of the seed greatly stimulates the growth of these nodules and makes for success with this flower.

Bottle (enough for several packets of seed) 25 cts. Postpaid

Enjoy The New Marigolds

The Large African Marigolds

Culture B. Sow seed 1/8 inch deep. Large flowering sorts of orange and lemon shades. Hgt. 2 to 3 ft.; prefers sun; blooms July to October from spring sown seed. Fine for beds, borders and cutting.

Livingston's New Full "Carnation-Flowered" MARIGOLD "YELLOW SUPREME"

Gold Medal Winner, All-America Selections, 1935

Developed and Introduced by us

3934 This New Marigold is the result of several years of careful breeding at our flower trial grounds. It is similar to "Guinea Gold" but of a pure lemon-yellow color, fully Carnation-flowered, 3 to 4 inches across, quite early and very profuse. For complete description and colored illustration see front cover. Pkt. 25 cts.; 1/16oz. 35 cts.; 1/8oz. 65 cts.

3935 **Guinea Gold.** **Gold Medal Winner, All-American Selections, 1933.** A brilliant orange flushed with gold. 100% semi-double and double, ruffled, with loose placed petals. Pyramidal habit of growth, 2 to 2½ feet tall. More fully described and illustrated on page 3. Pkt. 10 cts.; 1/16oz. 20 cts.; 1/8oz. 35 cts.; 1/4oz. 65 cts.

3936 **NEW ORANGE, ALLDOUBLE MARIGOLD.** A new development in Marigolds. So called because such a large per cent come double. A beautiful large flower. We are pleased to offer this African strain and are sure you will be enthusiastic about it. Pkt. 10c.; 1/8oz. 25c.; 1/4oz. 40c.

3940 **LEMON BALL.** Extra-large, round, double canary-yellow flowers. Pkt. 10c.; 1/8oz. 20c.; 1/4oz. 30c.; oz. 75c.

3942 **ORANGE BALL.** Enormous, double, intense rich orange flowers. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 30 cts.

3944 **Mammoth Tall, Mixed.** Height, 3 feet. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 30 cts.; oz. 75 cts.

3946 **Mammoth Dwarf, Mixed.** Height, 1½ feet. Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 30 cts.; oz. 60 cts.

Morning Glories *a*

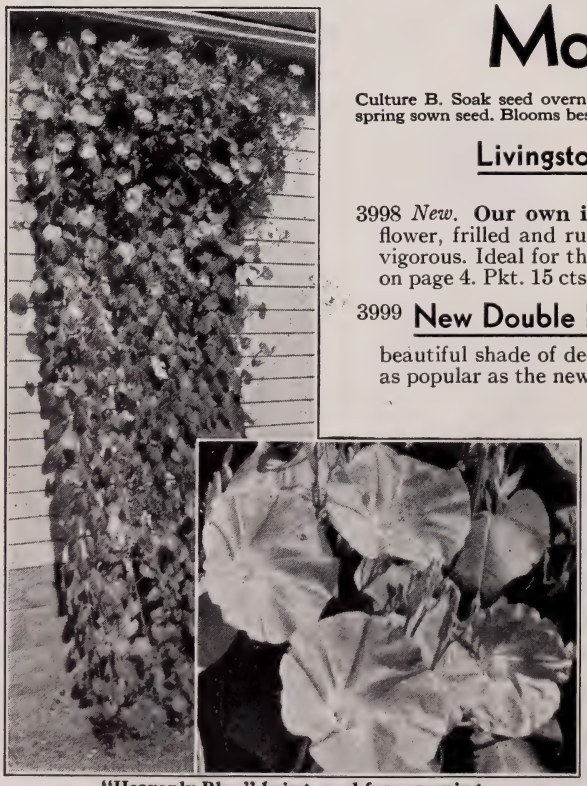
Culture B. Soak seed overnight, sow 1/2 inch deep. Prefers sun; blooms August to frost from spring sown seed. Blooms best when grown on poor soil. Fine for trellises and screening.

Livingston's New Double White Beauty

Developed and Introduced by us

3998 *New.* **Our own introduction for 1935.** A beautiful pure white double flower, frilled and ruffled. Early, free flowering plants that are healthy and vigorous. Ideal for the "White Garden." Illustrated and more fully described on page 4. Pkt. 15 cts.; 1/8oz. 25 cts.; 1/4oz. 45 cts.

3999 **New Double Rose Marie.** A lovely new, double pink, early, free-flowering variety. The flowers are a beautiful shade of deep rose of double and semi-double form. Should become as popular as the new Heavenly Blue. Pkt. 10 cts.; 1/8oz. 25 cts.; 1/4oz. 40 cts.



"Heavenly Blue" being used for screening.

4001 **Heavenly Blue.** A new variety that is bringing new and deserved popularity to this flower. An early blooming climber, literally covered with lovely flowers of sky-blue, shading lighter toward center. Flowers measure 3½ inches across. Blooms all summer. Illustrated on page 5. Pkt. 15 cts.; 1/4oz. 25 cts.; oz. 75 cts.

4002 **GIANT IMPERIAL JAPANESE.** Magnificent in size and bloom—4 to 6 inches across. Great variety of rich and delicate colors, tints and markings. Pkt. 10 cts.; oz. 30 cts.; 1/4lb. 85 cts.

4000 **Convolvulus major.** These are the old-fashioned favorites that everybody loves. Grows quickly and clings to anything. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 45 cts.

4004 **Finest Mixed Japanese.** Variety of colors and shades. Pkt. 10 cts.; oz. 25 cts.; 1/4lb. 75 cts.

This Season

French Marigolds

The small, velvety flowering sorts. Hgt. 1 to 2½ ft.; prefers sun; blooms July on from spring sown seed. Fine for bedding, edging, cutting and pot plants.

3956 **Royal Scot.** *New.* A charming flower of mahogany and gold in symmetrical stripes on a 24 to 30 inch plant. Illustrated and more fully described on page 4. Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

3948 **LEGION OF HONOR. (Little Brownie).** Handsome single variety, covered with a multitude of flowers. In color it is a velvety golden yellow blotched with purple. Illustrated on opposite page. Height, 1 ft. Pkt. 10 cts.; ¼oz. 30 cts.; oz. 60 cts.

3950 **Tall Double, Mixed.** A splendid assortment of all the best colors in striking combinations. Height 2½ ft. Pkt. 10 cts.; ¼oz. 30 cts.; oz. 60 cts.

3952 **DWARF DOUBLE, MIXED.** Mixture similar to No. 3946 in colors, but the plants grow more dwarf. Height, 1 1 foot. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. 60 cts.

3958 **TAGETES, SIGNATA PUMILA. (Golden Border)** A dwarf Marigold, 6 to 8 inches high; literally covered with small twinkling yellow flowers, having a brown stripe down the center of each petal. Splendid for edging beds. Illustrated on opposite page. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

MYOSOTIS (Forget-me-not)

Culture F. Sow seed 1/16 inch deep. Hgt. 6 to 10 in. Does best in moist, shady location. Blooms first year from early sown seed and thereafter from April to June. For edging and rock gardens.

4020 **Palustris.** *rp* (True Forget-me-not). Beautiful blue. Hgt. 6 inches. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

4022 **Alpestris.** *b* Blue. Pkt. 10 cts.; 1/16oz. 15 cts.; ⅛oz. 25 cts.;

4026 **Alpestris rosea.** *b* Pink. Pkt. 10 cts.; 1/16oz. 15 cts.; ⅛oz. 25 cts.

4024 **Semperflorens.** *rp* Dwarf Forget-me-not; beautiful blue flowers. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

4032 **Blue Bouquet.** *b* Pkt. 15 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.

Bouquet Type Myosotis

4033 **Indigo Blue Bouquet.** *b* Pkt. 15c.; 1/16oz. 35c.; ⅛oz. 65c.

4034 **Pink Bouquet.** *b* Pkt. 15 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.

4030 **Finest Mixed.** Pkt. 10 cts.; 1/16oz. 15 cts.; ⅛oz. 25 cts.

MIGNONETTE (Reseda) *a*

Culture C. Sow seed ⅛ inch deep. Grows 12 to 15 inches high; prefers sun or partial shade; blooms July to October from spring sown seed; large, deliciously fragrant blooms. Used for bedding, potting and cutting. For best results pinch out top when about 2 inches high.

3984 **Odorata.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

3986 **Finest Mixed.** Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

MINA LOBATA *ca*

Culture B. Sow seed ½ inch deep. Half-hardy climber.

3990 **Flag of Spain.** An attractive free-flowering climbing annual. Climbs about 10 feet, producing vivid red buds opening to scarlet and orange flowers. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40cts.

Four O'Clock Bloom

MARVEL of PERU *a*

Four O'Clock or Mirabilis

Culture B. Sow seed to depth four times their size. Hgt. 2 ft.; sun; blooms July to October and endures poor soil and drought. Covered with large, showy, very fragrant blooms.

3970 **Variegated.** These flowers in many colors, contrast finely with the golden-hued foliage. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 25 cts.

3972 **Finest Mixed.** Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 25 cts.; ¼lb. 60 cts.

"True Blue" Flower Seeds are seeds of the highest quality.

NICOTIANA (Sweet-scented Tobacco) *a*

Culture B. Sow seed 1/16 inch deep. Hgt. 2 ft.; sun or partial shade; blooms July to frost. Very fragrant.

5000 **Affinis.** Pure white. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

5002 **Sanderae.** Laden with hundreds of handsome carmine-red, fragrant blossoms. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

NIGELLA (Love-in-a-Mist) *a*

Culture D. Sow seed ⅛ inch deep. Hgt. 18 in.; sun or partial shade; blooms July to frost from spring sown seed. Curious flowers and seed-pods.

5006 **Mixed.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.

Livingston's Serial Picture Story—Continued from page 26

The four illustrations here show the satisfactory results obtained by users of "True Blue" flower seeds.

The first picture shows a general view of the partnership gardens of Mrs. Clifford and Mrs. Mantor. Note the fine Asters in the foreground, grown from the new wilt-resistant strains.

The second is a hardy border in the gardens of Mr. Simon L. David, one who knows and appreciates the better things in flowers.

The next picture shows Miss Elsie Henderson and her bed of Asters grown from Livingston's seed.

The last picture shows how flowers are being used to decorate and make store fronts more attractive. Livingston's "Rosy Morn" Petunias are being used.

(Continued on page 40.)

Grow The Glorious New Nasturtiums

Double Gleam Nasturtium

Dwarf Varieties

Culture C. Sow seed to depth four times their size. Succeeds in any ordinary soil preferably that which leans to being poor thus preventing too much foliage. Partial sun; blooms in early summer from spring sown seed and continues until frost.

The New, Sweet-Scented Double Gleam Varieties

The greatest sensation of recent flower introductions. A vigorous, bushy plant of semi-dwarf nature forming a well rounded, free flowering bush with long, wiry stems holding the flowers well above the healthy lush green foliage. The flowers are large, double and sweet-scented, here-to-fore unknown in Nasturtiums. They are excellent for cutting, their pronounced fragrance filling a room in a short time. Three choices are offered, two of which are entirely new this season.

4100 **DOUBLE GOLDEN GLEAM. Gold Medal Winner, All-America Selections, 1933.** Golden-yellow in color. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 50 cts.

4102 **DOUBLE SCARLET GLEAM. Gold Medal Winner, All-America Selections, 1935.** Fiery orange-scarlet. Illustrated and described on front cover. Pkt. (25 seeds) 25 cts.

4110 **Double Gleam Hybrids. Received Award of Merit, All-America Selections, 1935.** A mixed collection of many gorgeous colors of dazzling beauty, including the above and many others never dreamed of in a double Nasturtium. Illustrated and more fully described on front cover. Pkt. (25 seeds) 25 cts.

Single Varieties

4070 **Rose.** Deep rose color.
4072 **Beauty.** Yellow and scarlet.
4074 **Aurora.** Primrose to pink.
4076 **Pearl.** Amber-white.
4078 **Prince Henry.** Pale yellow, spotted carmine.
4080 **Regelianum.** Purplish-crimson.
4082 **Ruby King.** Bluish-rose.

Above separate colors: Pkt. 5c.; oz. 20c.; ¼lb. 50c.; lb. $1.25

Livingston's Sunburst Collection

One packet of each above seven Dwarf Varieties

PRICE Postpaid to any address at the low price 25 cts.

4088 **QUEEN OF HOLLAND, MIXED, (Lilliput Hybrids).** Dainty type of dwarf growth; about 6 inches. The flowers are produced in many brilliant shades and color combinations. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts.

4086 **DWARF QUEEN, MIXED.** Tom Thumb varieties of the marble-leaved Queen sorts. Many colors and new hybrids. Pkt. 5 cts.; oz. 25 cts.; ¼lb. 60 cts.

4084 **CHOICE DWARF, MIXED.** Pkt. 5 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. 90 cts.

4090 Livingston's Glory of the Garden Mixture

This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant large-flowered sorts, and the brilliantly colored flowers range through every shade and tint known.
Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50

Tall Varieties for Background and Trellis Decoration

Culture C. Sow seed to depth four times their size. Hgt. 3 to 6 ft.; sun or partial shade and any ordinary soil.

4054 **TALL MIXED NASTURTIUMS.** There is no flower of which you need seed in larger quantities for liberal planting than Tall or Climbing Nasturtiums. For the low price, this mixture is very choice. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. 90 cts.

4056 **MADAM GUNTHER, MIXED HYBRIDS.** These are of French origin and for rich and striking colors are not surpassed by any climbing Nasturtiums. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.

4060 Livingston's Top-Notch Mixture Giant-Flowering Nasturtiums

A wonderful diversity of colors and new striking combinations, containing shades of yellow, rose, scarlet, orange, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped in many showy and exquisite ways.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.35

Giant-Flowering Varieties

4040 **Giant Golden Yellow.** Mammoth flowers.
4042 **Giant Rose.** A soft rosy-pink color.
4044 **Giant Cream and Pink.** Very dainty.
4046 **Giant Lemon and Rose.** Pleasing combination.
4048 **Giant Deep Crimson.** Deepest dark reds.
4050 **Giant Striped Hybrids.** Shades and tints.
4052 **Giant Brilliant Scarlet.** A flaming beauty.
Any one above: Pkt. 5 cts.; oz. 20 cts.; ¼lb. 45 cts.

Perfection Collection Giant-Flowering Nasturtiums

One of our most astonishing collection offers

7 Packets as listed above Postpaid to any address 25 cts.

FIVE COLLECTIONS FOR $1.00

See Big Flower Seed Bargain Counter, page 1.

Livingston's Mammoth Pansies *a-p*

Swiss Giant Pansy in Natural Size

From the Best European Specialists.

Culture F. Sow seed ⅛ inch deep. Hgt. about 6 ins. They thrive best in a rich soil and cool, moist, partially shaded location. Seed sown outside after frost will bloom in fall. For earlier blooms start inside and for extra early bloom start in the fall and carry over in a cold frame. When transplanting, cut back the tops if they are too spindly and tall. Picking blossoms regularly will give better plants for later bloom. If plants become untidy later, cut them back and they should bloom again. Our strains are imported direct by us from the most noted foreign Pansy Specialists and should give you unbounded satisfaction.

Prices by ounce or larger quantities will be quoted upon application.

Leaflets on the culture of Pansies free to customers

5020 Swiss Giants, Mixed

Swiss Giants are of recent introduction, coming direct from Switzerland. This mammoth New strain, often measuring 3½ inches across, is composed of well-rounded, perfectly shaped flowers, thick velvety petals, with a multitude of harmonious and enchanting shades, colorings, and markings. It includes the richest reds, coppers, bronzes, and yellows, together with the delicate rose-pinks and those beautiful light blues so much desired in Pansies. One of the outstanding features of this wonderful strain is that the long, stiff stems hold the flowers well above the foliage; and the fact that the blooms retain their size almost throughout the season makes it most valuable as a cut-flower.

Pkt. 25 cts.; 1/16oz. 85 cts.; ⅛oz. $1.50.

5010 **LIVINGSTON'S EXTRA-FANCY MIXTURE.** Blossoms are borne on long stems and are distinguished for their gorgeous and varied colorings and beautiful markings. They are of fine substance, velvety texture, perfect form, and giant size, frequently measuring 3 inches in diameter. Pkt. 25 cts.; 1/16oz. 75 cts.; ⅛oz. $1.25.

5012 Livingston's Giant Trimardeau Mixture.

These are among the largest flowered of all Pansies. This splendid mixture is a blended combination of Giant-flowering types. A most showy class of robust and very compact growth. Contains all colors and produces large blooms, carried well above the foliage, on long stems. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.; ¼oz. 75 cts.

5022 **GIANT RUFFLED MASTERPIECE.** Petals are curled and undulated, giving the flower a globular appearance. Large blooms, beautifully blotched. Pkt. 15 cts.; 1/16oz. 35 cts.; ⅛oz. 60 cts.

5024 **LIVINGSTON'S SPECIAL FLORIST'S MIXTURE.** Carefully prepared to meet the florist's need. Contains only our finest large-flowering sorts in the light and dainty shades. Mammoth in size, exquisite in coloring, and perfect in form. Pkt. 15 cts.; 1/16oz. 40 cts.; ⅛oz. 75 cts.

Roggli's Swiss Hybrids

New hybrids developed from Swiss Giants by a Pansy Specialist in Switzerland. Creating quite a sensation among Pansy growers and much in demand for florists' use. The plants are robust; the flowers are very large, of heavy texture and borne on long, strong stems.

5018 **ALPENGLOW.** Striking and attractive shades of cardinal and garnet red. Pkt. 25 cts.; 1/16oz. 85 cts.

5019 **LAKE OF THUN (Ullswater).** A rich ultramarine blue with darker blue-black center. Pkt. 25 cts.; 1/16oz. 85 cts.

5040 **Bedding Pansies.** Valuable for bedding where size is not of most importance. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 30 cts.

Giant Pansies in Separate Colors

Especially desirable for bedding where large flowers are preferred in working out particular color schemes.

5026 **Giant Red** 5028 **Giant White** 5030 **Giant Blue**
5032 **Giant Black** 5034 **Giant Yellow** 5036 **Giant Purple**

Any one above: Pkt. 10 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.

GIANT SIX PANSY COLLECTION—One pkt. each **50 cts.**

Mrs. Mac. H. Bovee, Dawson County, Nebraska: *"I picked sweet peas this fall until after the middle of October and picked pansies along in November and the blooms (Giant Mix) were almost as large then as they had been all summer. I couldn't get along without your catalogue."*

Specimen from Extra-Fancy Mixture

"DOGZOFF"

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. Not poisonous to plants and will not injure animals. Not offensive to humans. Applied with sprayer; lasts 3 to 4 weeks. Saves its cost many times over around the garden and home.

PRICE FOR SEASON'S SUPPLY 69c. POSTPAID.

A bed of Rosy Morn Petunias

Bedding Petunias

5064 **ROSY MORN.** A soft carmine-pink with white throat. Pkt. (500 seeds) 15 cts.; 1/16oz. 30 cts.

5065 **BLUEBIRD (Violacea).** Dwarf, compact bushes and small, violet-blue flowers. Pkt. (400 seeds) 10 cts.; 1/16oz. 30 cts.

5068 **ROSE OF HEAVEN.** Rich bright rose with inconspicuous white throat, a free bloomer. Pkt. (500 seeds) 10 cts.; 1/16oz. 30 cts.; 1/8oz. 50 cts.

5069 **Miniature Pink Gem.** Pkt. 15 cts.; 1/16oz. 35 cts.; 1/8oz. 65 cts.

5072 **Howard's Star.** Five-petaled blooms, having star-shaped markings of bluish-pink or white over maroon ground. Pkt. (500 seeds) 10 cts.; 1/16oz. 25 cts.; 1/8oz. 40 cts.

5074 **Striped and Blotched.** Contains an endless variety of colors. Fine for bedding and massing. Pkt. (500 seeds) 10 cts.; 1/16oz. 20 cts.; 1/8oz. 30 cts.

5080 **Finest Mixed.** Pkt. (500 seeds) 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

PENTSTEMON (Beard Tongue) *p*

Culture J. Sow seed 1/8 in. deep. Hgt. 2 to 4 ft.

5044 **New Giant Flowered, Mixed.** Bushy plant with trumpet-shaped flowers. Pkt. 15 cts.; 1/16oz. 35 cts.

PHYSALIS (Chinese Lantern Plant) *p*

Culture J. Sow seed 1/8 in. deep. Hgt. 18 in.

5998 **Franchetti.** Yellow flowers, dark center. Red balloon-like husks second year; useful in winter bouquets. Pkt. 10 cts.; 1/8oz. 20 cts.

Destroy Ants with Ant Gas. See page 58

Here Are The Finest

Large-Flowering Single Petunias

5052 **Theodosia.** The best all-purpose ruffled Petunia. Color is a rosy pink, with a golden throat which contains minute stripes. Pkt. (200 seeds) 20 cts.

5053 **Elk's Pride.** The largest, darkest and best velvety purple. Pkt. (200 seeds) 20 cts.

5056 **DWARF GIANTS OF CALIFORNIA. (Ramona Strain).** Dwarf, sturdy type. Beautifully ruffled and fringed, with open, well-marked throats. Pkt. (200 seeds) 20 cts.

5058 **GIANTS OF CALIFORNIA.** These are of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt. (200 seeds) 15 cts.

5062 **RUFFLED GIANTS.** Giant flowers with large throat and exquisitely ruffled edges. The many bewitching shades and colors present a jeweled sight in the garden. Pkt. (200 seeds) 25 cts.

5060 **Coppery Red.** Very attractive new shade having giant ruffled flowers. Pkt. (150 seeds) 25 cts.

5054 **LIVINGSTON'S SUPERB SINGLE MIXED.** Flowers most varied in colors and markings, beautifully ruffled. Pkt. (200 seeds) 15 cts.; 1/64oz. 50 cts.

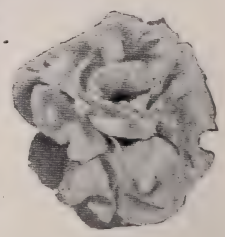
Livingston's Elite Mixture Single Petunias

5050 Not just an ordinary mixture but one especially prepared for you who love variety and quality. A combination of the best large, deep-throated and the fringed and ruffled more dainty sorts. Many impressive colors. Preserve the weak plants; they make the best blooms. It is probably due to the many pleasant surprises in it that this mixture sells so well.

Pkt. (200 seeds) 25 cts.; 1/64oz. 85 cts.

PORTULACA (Moss Rose) *a*

Culture B. Sow seed 1/16 inch deep. Hgt. about 6 in. Plant in dry, sandy soil with full exposure to sun. Blooms profusely from July to October from spring sowing. They give a dazzling display in beds, borders, rock-gardens or porch-boxes.



6050 **Large-flowering Single Mixed.** Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

6052 **Large-flowering Double Mixed.** Pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 40 cts.; 1/4oz. 75 cts.

Livingston's Prize Mixture, Annual Phlox

The Gay, Generous Phlox

a ANNUAL, culture A. Sow seed 1/8 inch deep. *p* PERENNIAL, culture J. Very slow to germinate; sow seed 1/2 inch deep. Hgt. 18 to 24 in.; prefers sun. Gives a constant display from July to September. Nothing surpasses it for beds, edgings, massing and rock-garden decoration. Fine for cutting. Try a bed of Phlox, mixed, edged with Ageratum.

6002 **Livingston's Prize Mixture.** *a* Not grown as such but made up from separate choice colors. Pkt. 15 cts.; 1/8oz. 25 cts.; 1/4oz. 40 cts.

Drummondi Grandiflora Types *a*

6004 **Bright Rose.** 6006 **Brilliant Scarlet.** 6008 **Crimson.** 6010 **Pure White.** 6012 **Yellow.**

Any one above: Pkt. 10 cts.; 1/8oz. 25 cts.; 1/4oz. 40 cts.

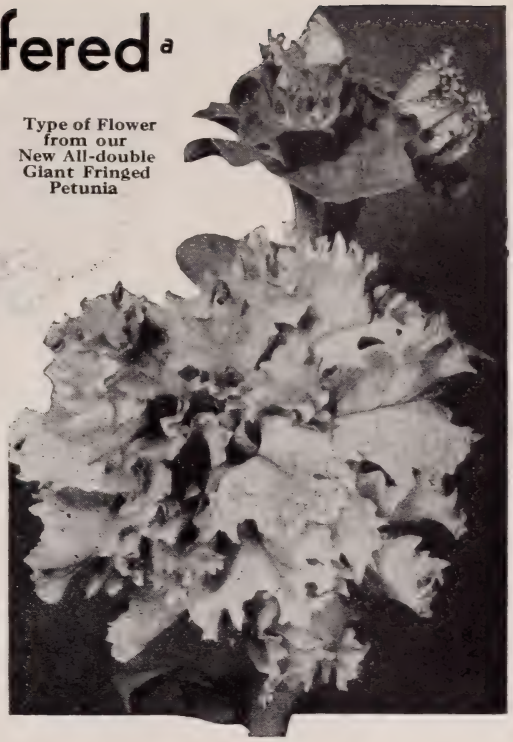
6000 **DRUMMONDI, Mixed.** Pkt. 10 cts.; 1/8oz. 20 cts.; 1/4oz. 35 cts.

6014 **MIXED STAR-SHAPED.** *a* Long, pointed petals, star-like appearance. Pkt. 10 cts.; 1/8oz. 25 cts.; 1/4oz. 40 cts.

6018 **HARDY PERENNIAL, MIXED** (*P. decussata*). *p* Hardy herbaceous perennial and quite distinct from the varieties above. Seed is slow to germinate. Seedlings may not appear for a year. Pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 45 cts.

Strains of Petunias Offered *a*

Culture A. Sow seed on surface and merely cover. Easy to grow, withstands drought and succeeds most anywhere. They will give constant bloom from June until October. Sow seed in the open ground or start inside if earlier bloom is desired. For bushy, sturdy plants pinch off the tops when they are a few inches high. All large flowering varieties are best started inside and transplanted. Give the small, weak looking plants great care; they make the finest blooms. Nothing surpasses them for bedding, bordering and cutting. They also make fine house and porch-box plants.



Type of Flower from our New All-double Giant Fringed Petunia

Large-Flowering Double Petunias

These are best started indoors and transplanted. Give the small, weak plants great care; they make the finest blooms.

Our New All-Double Tall Giant Fringed

5067 **MIXED.** An unapproached improvement in Petunias. 100% true double with 75% giant double and remainder medium sized "Carnation Flowered." The flowers are exquisitely fringed and ruffled and contain a good range of brilliant and suffused colors. Received much favorable comment last year. Pkt. (150 seeds) 50 cts. ½ Pkt. 30 cts.

Our New All-Double Dwarf Giant Fringed

5063 **MIXED.** The acme of all Petunias. Due to its dwarf habit, it even surpasses our New Tall All Double Strain (listed above) which was a sensation in 1933. The flowers are identical but the dwarf nature of this one will unmistakably give it added popularity. Pkt. (100 seeds) 50 cts. ½ Pkt. 30 cts.

Balcony Petunias

Most excellent for window- or porch-boxes.

5090 **White.** Pure white.
5092 **Rose.** Bright rose, white throat.
5094 **Red.** Very brilliant.
5096 **Blue.** Rich shade.
5098 **Mixed.** All colors.

Any one above: pkt. (300 seeds) 15 cts.; 1/16oz. 35 cts.

Mr. C. W. Shaffer, Stark County, Ohio: "Just want to say a few words in regard to the first year of using your seeds. I had the most wonderful double Petunias I ever saw. It was a show for every one that saw them. About 100% large and double and for color I cannot tell you how many there were, but many of them."

Mr. John W. Finn, Mercer County, New Jersey, "I was very much pleased with the Petunia seeds I received. They were fine."

PLATYCODON *p*
(Chinese Bellflower)

Culture K. Sow seed 1/8 in. deep. Hgt. 2 to 3 ft.

6020 **Grandiflora, Mixed.** Campanula-like flowers having balloon appearance when in bud. Ever-lasting. Pkt. 10 cts.; 1/16oz. 25 cts.

Pyrethrum Planting

The Lovely Primulas *h*

Culture E. Sow seed on surface and firm soil. Ideal house plants, but can be used outside in summer. Hgt. 1 foot. For succession of bloom make several sowings from March to August.

6060 **Obconica grandiflora, Large-flowering Hybrids.** Lovely and profuse blooming Primrose, bearing on long stems large heads of beautiful flowers, white, tinged lilac and rose shades. Pkt. 10 cts.; 1/32oz. 75 cts.

6062 **Muller Mohnstein.** Mixture of rose and dark red. Large flowers. Pkt. 50 cts.; 1/64oz. $1.75.

Hardy Primrose (Primula) *rp*

Culture F. Sow seed on surface and merely cover. Hgt. 1 ft.; partial shade; blooms April and May; fine for rock-gardens.

6064 **Veris, Mixed.** Large flowers. Pkt. 10 cts.; 1/16oz. 30 cts.; 1/8oz. 50 cts.

6065 **Vulgaris.** Canary Yellow. Very fragrant. Pkt. 10 cts.; 1/16oz. 30 cts.; 1/8oz. 50 cts.

PYRETHRUM (Feverfew or Painted Daisy) *p*

Culture J. Sow seed 1/8 inch deep. About 2 ft. high; prefers sun; blooms from May to July and frequently in September. Flowers are of bright shades. A valuable border and bedding plant. Makes splendid cut-flowers.

6070 **Roseum.** Bright rose, single flowering. Pkt. 15 cts.; 1/16oz. 35 cts.; 1/8oz. 60 cts.

6072 **Album.** White, single. Pkt. 15 cts.; 1/16oz. 35 cts.; 1/8oz. 60 cts.

6074 **Atrosanguineum.** Blood-red, single. Pkt. 15 cts.; 1/16oz. 35 cts.

6076 **Single Hybrids, Mixed.** Pkt. 15 cts.; 1/16oz. 25 cts.; 1/8oz. 40 cts.

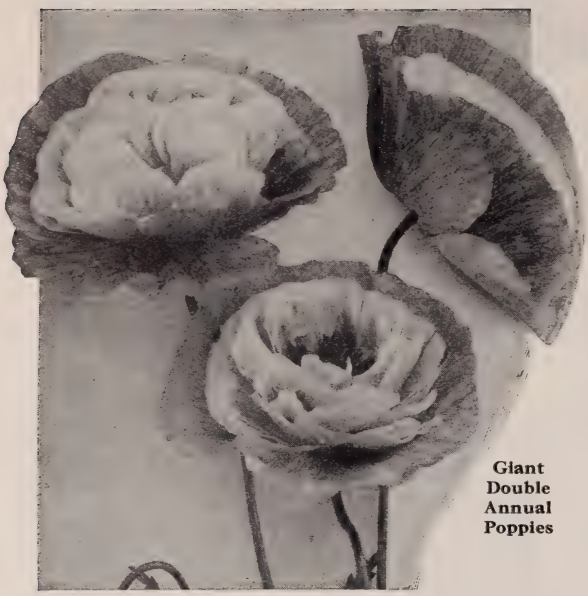
6077 **Double Mixed.** Pkt. 25 cts.; 1/16oz. 40 cts.; 1/8oz. 75 cts.

6078 **DOUBLE AND SINGLE MIXED.** Pkt. 20 cts.; 1/16oz. 35 cts.

RANUNCULUS (Buttercup) *rp*

Culture A. Sow seed 1/16 in. deep. Hgt. 6 to 12 in.; sun; blooms in May.

6079 **Asiaticus.** Flowers are variable in color. Valuable for rockery and for cutting. Pkt. 25 cts.; 1/16oz. 35 cts.; 1/8oz. 60 cts.



Giant Double Annual Poppies

Both Old-fashioned

Annual Poppies

Culture C. Sow seed ⅛ inch deep. Hgt. 18 to 24 in.; sun or partial shade; will grow in poor soil; blooms in July and August from spring sown seed. Can be used in beds and borders and make good cut flowers.

6026 **Peony-flowered, Mixed.** Showy, double, globular flowers, almost equal to peonies. Finest colors. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 50 cts.

6028 **Carnation-flowered, Mixed.** Large double flowers, beautifully fringed. Colors of dazzling richness. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 50 cts.

6030 **LIVINGSTON'S GIANT DOUBLE MIXED.** A mixture of beautiful double Poppies, including only the improved double, giant-flowering kinds of the richest and brightest colors, as well as the daintiest and softest tints. The plants are sturdy, thrifty growers, from 2 to 3 feet high, producing immense flowers, sometimes 4 inches in diameter. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 50 cts.

6036 **Tulip Poppies.** Large single flowers of dazzling scarlet. Two outer petals resemble saucer in which are set two erect ones of same color. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

Annual Shirley Poppies

6031 **SWEET BRIAR.** New Shirley double Begonia-flowered novelty. A delightful shade of deep rose-pink with satiny petals all crinkled and crumpled. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

6034 **American Legion.** One of the most beautiful of all Shirley Poppies. A brilliant orange-scarlet with yellow antlers. Very large, free-flowering sort. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

6032 **Single and Double Annuals Mixed.** These are considered by many the most charming Poppies in cultivation. The individual flowers are large and elegant, mostly single blooms, some semi-double and double ones, often measuring 3 to 4 inches across. The petals are fluted and crinkled. The exquisite colors range from purest white to the deepest of blood-red. Pkt. 10 cts.; ¼oz. 30 cts.; oz. 50 cts.

RICINUS (Castor-Oil Bean) *a*

Culture B. Sow seed to depth four times their size. Grows in sun or partial shade. Good for backgrounds and screening.

6080 **Zanzibarensis.** 12 to 14 feet. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 50 cts.

6082 **Bourboniensis.** 10 to 15 feet. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 50 cts.

6086 **Gibsoni.** Deep red leaves. Height 5 feet; compact. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 50 cts.

6084 **Cambogensis.** Stem and stalks ebony-black. Foliage various shades. Height, 5 feet. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 50 cts.

6088 **Livingston's Mixture.** Unsurpassed for elegant blending. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 40 cts.

SALPIGLOSSIS *a* (Painted Tongue)

Culture A. Sow seed ⅛ inch deep. Hgt. 18 in.; sun or partial shade; blooms July to September.

6100 **MIXED.** Delicate reds, deep blues, whites and other colors, striped with veins of gold. Petunia-like blooms borne on threadlike stems. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

Vivid Salvias (Flowering Sage) *a-p*

Culture A. Sow seed ⅛ in. deep. Hgt. 18 to 36 in.; blooms from August until hard frost and is literally ablaze with brilliant flowers. Used extensively for hedges and edging shrubbery.

6097 **Harbinger.** *New.* Earliest blooming variety. Started in February, starts blooming in June. Dazzling scarlet flowers and deep green foliage. Compact plant, 16 inches high. Pkt. 10 cts.; 1/16oz. 40 cts.; ⅛oz. 75 cts.

6090 **SPLENDENS GRANDIFLORA** (Scarlet Sage). Gorgeous plants; numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. The most popular in cultivation. Pkt. 10 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.

6092 **BONFIRE.** Erect spikes of brilliant, dazzling scarlet on bushy plants about 2 feet high. Pkt. 10 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.

6094 **AMERICA (Globe of Fire).** A free, continuous bloomer. Uniformity of growth makes it valuable for bedding or planting in line. Height, 1½ feet. Pkt. 15 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

6099 **Farinacea.** *p* A decidedly different hardy variety. Grows 2 to 4 feet high but only 10 to 12 inches in width. Long spikes of light blue flowers. Needs winter protection. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 45 cts.

6098 **PATENS BLUE.** *p* Hardy variety growing 2 feet high. Large, rich blue flowers. Dig roots and winter in cold place. Pkt. 15 cts.; 1/16oz. 45 cts.; ⅛oz. 85 cts.

Salvia, Harbinger

and New Style Poppies

Iceland and Oriental Poppies *p*

Culture K. Sow seed ⅛ inch deep. Sun or partial shade. Icelands are about 12 in. high and bloom from April to June. Orientals are 2 to 3 ft. and bloom in June and July. Try the Orientals with Delphinium and Shasta Daisies.

6039 **EL MONTE.** *rp* New Iceland variety. Deep tangerine orange. Flowers are of large size, borne on long, wiry stems. Easily grown from seed in six months time. Pkt. 15 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

6041 **COONARA PINK.** *rp* New Iceland variety. Rose-pink suffused with salmon-pink. Flowers are borne on long, slender stems and are of wonderful delicacy. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.

6038 **Iceland** *rp* (*Papaver nudicaule*). Perfectly hardy; beautiful satin-like flowers of every shade of yellow, white, and orange-scarlet. Plants grow about 1 foot high, forming tufts, from which the flower stems issue. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

6040 **Double Mixed Iceland.** *rp* Splendid mixture of double varieties. Pkt. 10cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

6042 **Large Oriental.** Most popular variety in cultivation. Height, 3 feet. A dazzling scarlet with coal-black blotches. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

6044 **LIVINGSTON'S ORIENTAL HYBRIDS.** Enormous flowers, sometimes more than 6 inches in diameter. Colors include shades of cherry, salmon, darkest red, vivid crimson, and innumerable others equally fine. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

6046 **Princess Victoria Louise.** Oriental. Beautiful salmon-pink. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

Livingston's Oriental Hybrid Poppies
Enormous flowers, up to 6 in. in diameter

SANVITALIA *a*

Culture C. Sow seed ⅛ inch deep. Hgt. 6 in.; blooms from June to October.

6110 **Procumbens, Double.** Creeping, prostrate plants with golden-yellow flowers much like tiny Zinnias. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

SAPONARIA *rp*

Culture J. Sow seed 1/16 inch deep. Hgt. 6 in.; blooms from June to August.

6112 **Ocymoides Splendens.** Trailing rock plant. Masses of vivid crimson flowers. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

We Pay Transportation
See page 1-A

Scabiosa, Caucasica Isaac House

Saxifraga For Alpine Work *rp*

Culture J. Sow seed on surface and merely cover. Hgt. 1 ft.; sun or partial shade; blooms May and June. Fine foliage.

6156 **SAXIFRAGA, Mixed.** Masses of handsome, broad, deep green foliage. Pink and white flowers. Pkt. 15 cts.; 1/32oz. 30 cts.; 1/16oz. 50 cts.

6157 **Saxifraga, Mossy Varieties, Mixed.** A mixture of best moss varieties for rock gardening. Pkt. 25 cts.; 1/32oz. 75 cts.

Dwight G. Dudley, Guernsey County, Ohio: *"Can get seeds much cheaper in price elsewhere, but, Oh! the cheaper quality also. Have been a customer of Livingston's for 23 years ever since we went to housekeeping."*

Rev. E. G. French, Lamoille, Vermont: *"I have used your seeds several years and find them very satisfactory."*

Sweet Scabiosa (Pin-Cushion Flower)

Annuals

Culture B. Sow seed ⅛ inch deep. Hgt. 2 to 2½ ft. Spring sown seed gives bloom from June to October. Exquisite flowers on long stems; fine for cutting.

6114 **Shasta.** Pure White. 6116 **Azure Fairy.** Sky-blue.
6118 **Fiery Red.** 6124 **Flesh.** Deeply flushed.
6126 **Lilac** 6128 **Cherry-Red.** 6130 **Black Prince.**
6115 **LOVELINESS.** Delicate salmon-rose shades.
6117 **PEACH BLOSSOM.** Beautiful peach-blossom pink.

Any one above; Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

COLLECTION: 9 separate colors above, value 90 cts. **75 cts.**

6132 **LIVINGSTON'S IMPROVED LARGE-FLOWERING, Finest Mixed.** A very fine mixture, containing all the finest large-flowering double sorts. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

Perennials

Culture J. Sow seed to depth four times their size.

6136 **CAUCASICA, Hardy.** 3 feet high; large lilac-blue flowers. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

6138 **CAUCASICA, ISAAC HOUSE STRAIN.** Improvement over Caucasica. More vigorous, stronger and longer stems and larger flowers. Pkt. 20 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

Sweet William Planting

Sweet Williams *p*

(Dianthus Barbatus)

Culture K. Sow seed ⅛ inch deep. Hgt. 12 to 18 in.; sun or partial shade. An easily grown perennial from seed sown outside. Usually does not bloom until second season from May to July. Deliciously fragrant and unsurpassed for cutting.

6284 **Livingston's Miracle Mixture,** of Sweet Williams. Our own improved strain. Exceptionally large, symmetrical heads of every conceivable color and shade from white to almost black. Pkt. 15 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

6287 **SCARLET BEAUTY.** A very striking strain. Large heads of an intense scarlet color. A charming and distinct sort and one that every lover of Sweet Williams should have this year. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

6288 **Pink Beauty.** A beautiful salmon-pink. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

6290 **Double Mixed.** Very superior, containing all colors and shades. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

6292 **Single Mixed.** A very choice assortment of all the best single-flowering varieties. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

6294 **DOUBLE and SINGLE MIXED.** This mixture is made by blending the double and single-flowering varieties. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

SCARLET RUNNER BEAN *ca*

Culture C. Sow seed to depth four times their size. Excellent for porches and trellises.

6146 An ornamental climber. Bright scarlet sprays of bloom, followed by edible beans. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.

SCHIZANTHUS (Butterfly Flower) *ra*

Culture B. Sow seed 1/16 in. deep. Hgt. 18 in.; blooms July to September; popularly called "Poor Man's Orchid."

6140 **Mixed.** Fine fern-like foliage; oddly marked and queerly shaped flowers in various shades. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

SENSITIVE PLANT *a*

Culture B. Sow seed ⅛ inch deep.

6150 A curious plant; the leaves close and droop at the slightest touch or during cloudy, damp weather. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 35 cts.

STACHYS (Lamb's Ear) *rp*

Culture J. Sow seed on surface and merely cover. Hgt. 1 to 1½ ft.

6164 **Lanata.** Grown principally for its dwarf, white woolly foliage. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

STATICE (Sea Lavender)

a ANNUAL, Culture D. *p* PERENNIAL, Culture J. Separate seed, lay on side and cover ⅛ in. Hgt. 18 to 24 in.; sun; blooms July to August. Makes good everlastings.

6180 **True Blue** *a*
6182 **Rosea Superba** *a*
6184 **White** *a*
6185 **Bonduelli Yellow** *a*
6186 **Mixed Annual**

Any one above: Pkt. 10 cts.; ¼oz. 25 cts.; oz. 65 cts.

6188 **DUMOSA.** *rp.* New. Hardy variety for rock work; rose colored flowers. Height 12 inches. Pkt. 10 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

STOKESIA (Cornflower Aster) *p*

Culture J. Sow seed ⅛ inch deep. Hgt. 18 to 20 in.; blooms July to late October. Valuable bedding plant.

6170 **Cyanea.** Bachelor's button-like, light lavender-blue flowers, several inches in diameter. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.; ¼oz. 75 cts.

SILENE (Catchfly) *p*

Culture J. Sow seed 1/16 in. deep. Hgt. 4 in.; sun or partial shade; trailing; blooms July to October.

6160 **Schafta.** Bright rose, fine autumn border or rock plant. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

Antirrhinum or Snapdragons, See page 15.

SUNFLOWER (Helianthus) *a*

Culture C. Sow seed to depth four times their size. Hgt. 4 to 6 ft.; sun; withstands drought; blooms September and October.

6190 **Miniature Hybrids.** Profuse bloomer; mixed colors. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 65 cts.

6192 **Globe of Gold.** Double, globe-shaped. Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.; oz. 60 cts.

6194 **Livingston's Mixture.** Pkt. 10 cts.; ⅛oz. 15 cts.; ¼oz. 25 cts.; oz. 75 cts.

Sturdy, Fragrant Stocks *a*

Culture A. Sow seeds 1/16 inch deep. Hgt. 18 to 30 in.; sun; blooms August to October from spring sown seed. Fine for bedding, cutting and pot culture.

6178 **BUTTERCUP.** *New.* Giant Stock of rich, deep yellow with long spires and large blooms. Pkt. 15 cts.; 1/16oz. 30 cts.; ⅛oz. 50 cts.

6174 **Finest Mixed.** Large-flowering double flowers embracing many colors and shades. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

6176 **GIANT PERFECTION, MIXED. (Cut-and-Come Again Variety.)** Our best mixture, containing the cream of the list in finest colors. Pkt. 10 cts.; 1/16oz. 20 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.

Fragrant Stocks

Select Spencer Sweet Peas

The Spencer Sweet Peas have been a striking advance in flower breeding. They have long stems and usually 4 gigantic blooms. Sweet Pea seed should be sown as early as possible in the spring. If convenient, prepare the soil in the fall, mixing in Bone-Meal or 4-12-4 Plant Food. In ordinary culture sow in furrow 3 to 4 in. deep, covering seed 1 in. When started thin plants to 4 in. apart. When cultivating, draw soil to row, filling furrow. When plants are 12 to 14 inches high, nip out center to encourage branching. Give plenty of water and do not let seed pods form. Pick blooms daily by pulling toward the center. Do not cut them.

A leaflet "How to Grow Sweet Peas" sent free on request.

Standard Flowering Spencers

6200 **Mary Pickford.** Cream-pink suffused salmon.
6202 **Campfire.** Bright, sunproof scarlet. Profuse.
6203 **Red Boy.** A pure, rich crimson. Long stems.
6204 **King Edward.** Scarlet and rosy carmine.
6205 **Powerscourt.** Best lavender.
6212 **George Shawyer.** Orange, shaded salmon.
6214 **Hawlmark Pink.** Rich rose-pink flushed salmon.
6216 **Royal Scott.** True orange-cerise-scarlet.
6218 **Warrior.** Rich deep maroon blooms of fine form.
6220 **Mrs. Tom Jones.** A real azure-blue.
6222 **Royal Purple.** Best purple. Improves with age.
6226 **King White.** Glistening white. Gigantic size.
6232 **Valentine.** Deep blush-pink. Well-formed flowers.
6234 **Pinkie.** Rich rose-pink. Large and vigorous.

Any one above: Pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.

Livingston's Special Collection of Spencer Sweet Peas

6200 **Mary Pickford.**
6202 **Campfire.**
6205 **Powerscourt.**
6220 **Mrs. Tom Jones.**
6222 **Royal Purple.**
6226 **King White.**
6234 **Pinkie.**
All Listed Above.

Seven Liberal Packets for 35cts., Postpaid

6240 **SPENCER, MIXED.** Many of the best named sorts, also some rare new hybrids in lavender, blue, striped, mottled, purple, maroon and many other shades, are included in this good mixture. All flowers are of large size, typically frilled and waved. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

6244 **Livingston's Special Spencer Mixture**

The different sorts contained in this mixture are grown separately and we mix them ourselves in proper proportions to give the most brilliant effect. Embraces the finest Spencer varieties, including latest novelties, and will produce a great abundance of giant flowers in many beautiful colors, including mottled, blended, flaked and striped sorts. This superb mixture is, without exception, the finest it is possible to make and offer at this price.
Pkt. 10 cts.; oz. 35 cts.; ¼lb. 90 cts.

Extra-Early Flowering Spencers

A real addition to the garden of those who want early Sweet Peas. While they are used almost exclusively by the greenhouse trade, they do equally well outside, the only difference being that the blossoms are just a trifle smaller. This early selection retains all of the Spencer characteristics, usually having four blooms on a long, stiff stem.

6250 **Glitters.** Cerise-scarlet.
6252 **Harmony.** Clear lavender.
6254 **Torch.** Salmon-orange.
6256 **Zvolanek's Pink.**
6263 **Blue Bonnet.** Deep blue.
6266 **White Harmony.**
6268 **Early Aviator.** Glowing crimson.

Any one above: Pkt. 15 cts.; oz. 50 cts.; ¼lb. $1.50.

6251 **Fragrance.** Lavender.
6253 **Fascination.** Salmon rose-pink.
6257 **Lady Gay.** Shrimp-pink.
6261 **Valencia.** Bright orange.

Any one above: Pkt. 15 cts.; oz. 60 cts.; ¼lb. $1.75.

6270 **MIXED.** All the best extra-early flowering varieties. Pkt. 15 cts.; oz. 40 cts.; ¼lb. $1.25.

Livingston's Gilt-Edge Mixture of Grandiflora Varieties

This is a very superior mixture, made up of over 50 of the finest named varieties of this older type. All are bright colors.
6248 **Gilt-Edge Mixture.** Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.

Extra Early Flowering Spencers

HARDY SWEET PEAS

(Lathyrus latifolius)

Culture K. Soak seed overnight, sow ½ inch deep.

Showy, free-flowering perennial. Blooms continuously from early spring until midsummer. Although lacking fragrance, they are very valuable because they will last almost indefinitely. A very vigorous grower, often growing 8 to 10 feet, and bearing large clusters of beautiful flowers.
6274 **White.** Pearly white.
6278 **Red.** Reddish purple.
6276 **Pink.** Rich rose-pink.
Above colors, pkt. 15 cts.; ⅛oz. 25 cts.
6280 **Mixed.** All colors mixed. Pkt. 15 cts.; ¼oz. 40 cts.

Erecta Type Verbena, Fireball

THUNBERGIA (Black Eyed Susan) *ca*

Culture B. Sow seed to depth four times their size. Hgt. 5 ft.; requires sun.

6300 **Mixed.** Rapid growing climbing or trailing plant for hanging baskets or trellises. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

TORENIA (Wishbone Flower) *ra*

Culture G. Sow seed on surface and merely cover. Hgt. 1 ft. Fine for pots or hanging baskets.

6306 **Fournieri.** Bushy plant, snapdragon-like blue flowers. Pkt. 10 cts.; 1/16oz. 25 cts.

TRITOMA (Red Hot Poker) *p*

Culture H. Sow seed ⅛ in. deep. Hgt. 3 to 4 ft. Attractive border plant; requires winter protection.

6308 **Hybrida, Early-flowering, Mixed.** Spearhead like stems in many colors. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

TUNICA *rp*

Culture J. Sow seed on surface and merely cover. Hgt. 6 in.; sun; blooms June to September.

6310 **Saxifraga.** Tufted plant with pretty light blue flowers. Pkt. 10 cts.; ⅛oz. 35 cts.

TITHONIA *a*

Culture C. Sow seed to depth four times their size. Sun; desirable for border planting and as cut-flowers.

6304 **Speciosa** (Mexican Sunflower). Orange vermillion flowers, resembling single African Marigolds on woody stems. Foliage and habit of growth like Dahlias. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

VERONICA (Speedwell) *rp*

Culture J. Sow seed 1/16 inch deep. Hgt. of varieties vary from 1 to 36 inches; sun or partial shade.

6331 **Prostrata.** Trailer. Blue and white flowers. Blooms June and July. Pkt. 15 cts.; 1/16oz. 50 cts.; ⅛oz. 90 cts.

6332 **Repens.** 1 inch carpeting plant. Blue flowers. Blooms May and June. Pkt. 15 cts.; 1/16oz. 50 cts.; ⅛oz. 90 cts.

6334 **Spicata.** Beautiful dark blue spikes about 18 inches high. Blooms June and July. Pkt. 15 cts.; 1/16oz. 25 cts.

6330 **Veronica, Tall Mixed.** 2 to 3 ft. Pkt. 10 cts.; ⅛oz. 30 cts.

Colorful Verbenas *a*

Culture B. Sow seed ⅛ inch deep. Hgt. 6 to 12 in.; will grow in any good garden soil in sun or partial shade. It is spreading, forming a carpet of green with large flower heads of many shades from July to October from spring sown seed. Cut the flowers as they begin to fade for more abundant bloom.

Mammoth Types

6340 **Defiance.** Scarlet.
6342 **Blue Varieties.**
6344 **Striped Varieties.**
6346 **Pink Varieties.**
6348 **Pure White.**
6350 **Purple.**

Any one above, pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

COLLECTION: **One packet each above 6 colors** **50c**

6360 **LIVINGSTON'S MAMMOTH MIXED VERBENAS.** All colors. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

Gigantea Types

6365 **Beauty of Oxford Hybrids.** *New.* New brightest rose ever produced from seed. Shades from clear rose-pink to rose-red. Received Award of Merit, 1933. Pkt. 10 cts.; ⅛oz. 35 cts.; ¼oz. 65 cts.

6364 **LUMINOSA.** A flaming pink shading to salmon; white eye. Compact grower; immense trusses. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

Compacta Erecta Type

6368 **FIREBALL.** *ra* A dwarf compact sort about 6 inches high and literally covered with bright scarlet blooms. Pkt. 10 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

VALERIANA (Hardy Garden Heliotrope) *p*

Culture J. Sow seed ⅛ in. deep. Hgt. 2 ft.; blooms June to August.

6320 **Mixed.** Showy heads of flowers with strong heliotrope fragrance. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

VINCA (Periwinkle) *a*

Culture G. Sow seed ⅛ in. deep. Hgt. 12 to 18 in.; bushy, glossy foliage; beautiful circular flowers.

6370 **Rosea alba.** 6372 **Alba.** 6474 **Rosea.** 6376 **Mixed.**
Any one above: Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 45 cts.

VIOLET *p*

Culture F. Sow seed ⅛ in. deep. Blooms April to June.

6380 **Sweet-scented.** Violet blue. Pkt. 10 cts.; 1/16oz. 30 cts.

VIOLA (Tufted Pansy) *a or p*

Culture F. Sow seed ⅛ in. deep.

6384 **Cornuta, Mixed.** Smaller than Pansy but more profuse. Pkt. 10 cts.; 1/16oz. 25 cts.; ⅛oz. 40 cts.

XERANTHEMUM (Everlasting Flower) *a*

Culture B. Sow seed ⅛ in. deep. Hgt. 2 ft.; blooms July to September.

6386 **Mixed.** Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 35 cts.

The New Venedium *a*
A South African Daisy

Culture B. Sow seed ⅛ inch deep. Hgt. 2 to 3 ft.; requires sun; blooms over long period.

6325 **FASTUOSUM.** Deep orange, daisy-like flowers, four to five inches across, with reddish brown disc at base of petals and purple-black center. Fine greyish, silky foliage adds to its beauty. Received Award of Merit, 1933. Pkt. 10 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

Tithonia (A Mexican Sunflower)

Venedium (A South African Daisy)

Livingston's Zinnias

Double Dahlia-Flowered Zinnia

Culture B. Sow seed ⅛ inch deep. Zinnias are easily grown and give a world of bloom from July to October. They will thrive in any ordinary garden soil, but prefer sun. Fine for bedding, borders and cut flowers.

DOUBLE DAHLIA-FLOWERED

Strong, vigorous plants, 2½ to 3 feet high, producing mammoth flowers 4 to 6 inches across by 2½ to 3 inches deep.

6432 **Old Gold.** Deep orange color.
6434 **Golden Dawn.** Golden yellow.
6436 **Luminosa.** Bright rose.
6438 **El Dorado.** Rose on salmon.
6440 **Oriole.** Orange and golden bicolor.
6442 **Exquisite.** Tyrian-rose.
6446 **Polar Bear.** Pure white.
6448 **Crimson Monarch.** Crimson.
6450 **Scarlet Flame.** Bright scarlet.
6454 **Dream.** Deep lavender.
6456 **Purple Prince.** Rhodanthe-purple.
Any one above: pkt. 20 cts.; ⅛oz. 30 cts.; ¼oz. 50 cts.

Collection, Dahlia-Flowered Zinnias
Exquisite - Polar Bear - Purple Prince Crimson Monarch - Oriole - Scarlet Flame - Dream Would cost $1.40 separately. **$1.00**

6464 Double Dahlia-Flowered, Mixed

A splendid mixture of the Dahlia-flowered type. Large flowers with a good color range. Will make a nice show in your garden. Pkt. 10 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.; oz. $1.25.

6460 Livingston's Special Mixture, Dahlia-Flowered Zinnia

Not just an ordinary mixture with a little of something else thrown in but a special mixture of all the best Dahlia types made from separate colors. Brilliant colors and giant flowers that will appeal to those wanting the best.
Pkt. 15c.; ⅛oz. 25c.; ¼oz. 45c.; oz. $1.35.

Fantasy Mixed

6469 **Received Award of Merit, All-America Selections, 1935.** The trend is toward smaller flowered, more graceful Zinnias. This new Fantasy Mixture meets this demand in all details. Rounded flowers with shaggy ray-like petals in a range of colors from reds and orange to pinks and creams. Illustrated and more fully described on page 2. Pkt. 25 cts.; 1/16oz. 35 cts.; ⅛oz. 65 cts.

Haageana (Mexican Hybrids) Mixed

6482 The smallest Zinnia we offer. Fine for bedding and small bouquets. Many attractive colors and combinations. See page 4 for illustration and further description. Pkt. 15 cts.; ⅛oz. 35 cts.; ¼oz. 60 cts.

Elegans Pumila Dwarf Double Zinnias

(Cut and Come Again Variety)

Extra double flowers, produced on dwarf plants about 18 inches tall.

6425 **Pinkie**
6426 **Bright Scarlet**
6427 **Salmon Rose**
6428 **Canary Yellow**
Any one above: Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.
6430 **Pumila, Mixed.** Contains above and many other colors. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

Double Pompon or Lilliput Zinnias

So called on account of its dwarf nature. The plant is 12 to 15 inches high. The flowers are very beautiful little things about 1½ inches in diameter and very double.

6472 **Crimson Gem.**
6473 **Salmon Rose.**
6474 **Golden Gem.**
6476 **Scarlet Gem.**
6478 **Flesh.**
Any one of above, each pkt. 10c.; ⅛oz. 20c.; ¼oz. 35c.
6480 **All Colors Mixed.** Containing those above and many others. Pkt. 10 cts.; ⅛oz. 20 cts.; ¼oz. 30 cts.

Mammoth-Flowering Zinnias

6400 **Crimson.**
6402 **Dark Purple.**
6404 **Flesh-Pink.**
6406 **Pine White.**
6408 **Golden Yellow.**
6410 **Scarlet.**
Any one above, each, pkt. 5c.; ⅛oz. 20c.
COLLECTION: One Pkt. each above 25c.
6420 **LIVINGSTON'S MAMMOTH-FLOWERING PRIZE MIXTURE.** Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 50 cts.

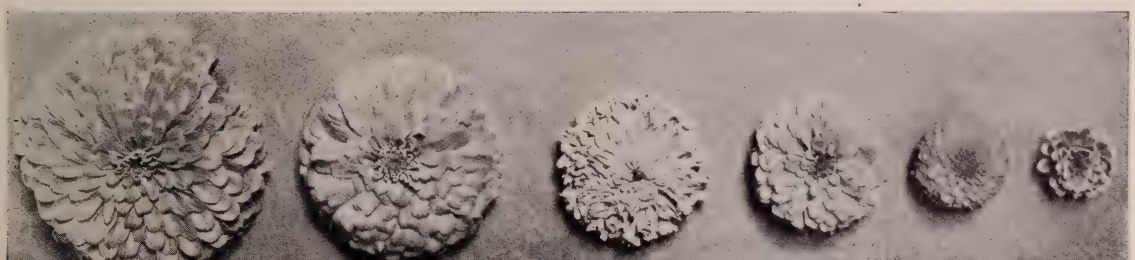
New Crown O'Gold Zinnia

6488 **Mixed.** Two-tone color harmony in each flower; overlaid with golden yellow at base and carries out individual flower color at the tip. Pkt. 15 cts.; ⅛oz. 25 cts.; ¼oz. 40 cts.

Curled or Crested Zinnias

6470 Large double flowers; petals twisted, curled and crested into fantastic and graceful forms. Pkt. 10 cts.; ¼oz. 35 cts.; oz. 90 cts.

Double Dahlia | Mammoth | Crested | Pumila | Pompon | Haageana



Livingston's "True Blue" Vegetable

THE HOME GARDEN—YOU SHOULD HAVE ONE THIS YEAR

The Home Planned Vegetable Garden is a source of increased saving and supplies healthful food over a long period. Now is the time to plan it. You will find it easy if you use this catalog as a guide. Complete cultural directions are under each variety and a "Vegetable Planting Table" is given on page 80-A. We have also prepared a number of interesting and instructive leaflets on vegetable cultures. They are free with orders.

Nod-O-Gen (Jelly) Inoculator for Legume Crops

It always pays to inoculate legumes, thus stimulating bacterial growth on their roots, forming nodules which take nitrogen from the air for use by the plant and enrichment of the soil.

Each different crop or group has its own specific culture. In ordering, specify the crop or group for which it is to be used by number and state the amount you want. Peas and Beans are the only garden legume crops that can be inoculated. We supply fresh cultures in dated bottles.

Postpaid Price of Culture for the following seeds:

No. 1—Alfalfa and Sweet Clover.	½ bu. size	$0.30
No. 2—Red, Mammoth, Alsike, White and Crimson Clovers	1 bu. size	.50
	2½ bu. size	1.00
No. 3—Soy Beans	1 bu. size	$0.30
No. 4—Cowpeas	2 bu. size	.50
No. 5—Field and Garden Beans	5 bu. size	1.00
No. 6—Field and Garden Peas, Vetches, Sweet Peas and Flat Winter Peas		

Prices on 10 to 25 bu. sizes for Soy Beans, Cow-peas, Vetches, Field and Garden Beans on request.

No. 7—**Garden Size Package.** Combination for Sweet and Garden Peas, Garden and Lima Beans $0.15

We cannot supply combination for Peas and Beans except in Garden Size.

Livingston's Serial Picture Story—Continued from page 29

Livingston's vegetable trial grounds are your assurance of quality seed. Since 1850 these trials have progressed. Seed is tested for germination, productiveness, type, earliness, etc. Complete records are made and used as a guide in growing and placing contracts.

To the critical market gardener, who demands good seed, these trials mean much. They are large users of "True Blue" seeds. Each year a large display of vegetables grown by these gardeners from this seed is exhibited at the Ohio State Fair so that others may become better acquainted with these choice products.

The Home Gardener can have the same grade of seeds for his garden as there is only one grade of "True Blue" seeds.

(Continued on page 57)

Seeds Give Results

Delivered Free Anywhere in the United States Proper.

Our "One-Point" Seed Service

Satisfactory Service at a Satisfying Price from One Source

To use this "One-Point" Service is the convenient, economical way for you to buy. This catalog offers you complete cultural directions and a planting table on page 80-A, large selection of quality seeds, free transportation on all seeds anywhere in the United States proper, free inquiry letter service through our staff of experienced, practical gardeners and free cultural leaflets (Listed at right and on page 11). Due to cost of printing and postage our free leaflet service is confined to purchasers of Livingston's "True Blue" Seeds but we shall be glad to assist any and all gardeners with their problems through our letter service.

PLEASE READ THIS BEFORE ORDERING

One-half pound of any one vegetable variety may be purchased at the pound rate.

We cannot supply less than 5 lbs. of any one variety at the 5 pound rate, neither can we supply 5 lbs. made up of two or more varieties at the 5 pound rate.

For quantities larger than quoted herein, please write for special price.

Home-Garden Asparagus

Culture—A most delicious and health-giving plant. It comes about as early as Rhubarb, does best in a good, rich, sandy soil, but is so hardy it will grow almost anywhere and come year after year. Sow seed early in spring about 2 inches deep in rows 18 inches apart. When one to two years old, transplant to permanent bed in rows 24 inches apart, placing them 8 inches deep and 18 inches apart in the row. Fertilize heavily in the fall and cultivate well in the spring. More detailed cultural leaflet sent free on request.

One ounce of seed will sow 60 feet of drill. About 400 plants to the ounce

Mary Washington. A large, early, productive, rust-resistant variety that will even produce large shoots the second year and, through its high-branching habit, shoots with good tight tip buds can be cut as much as 2 feet long. The shoots are deep green with purple tips, one inch in diameter, with an oval tendency. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Broccoli

Culture—Belongs to the same family as the cauliflower, but of a little coarser texture. More hardy and therefore better adapted to a wider range of conditions. Sow the seed ½ inch deep in the same manner as for late cabbage, in May, and transplant in June or July, in very rich soil about 2½ by 1½ feet apart.

One ounce of seed will sow 100 feet of row. About 2500 plants to an ounce

Italian Green Sprouting. A new sprouting type with delicious flavor. Forms large center head of bluish green and develops numerous branch heads for later use. Served the same as Cauliflower. 43 days from trans. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.40.

EARLY LARGE WHITE. Medium size, close and compact; sure to head. 60 days from trans. Pkt. 5c.; ½oz. 25c.; oz. 40c.; ¼lb. $1.40.

Brussels Sprouts

Culture—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads, cooked like Cauliflower, are a great delicacy. Start seed the same as Cabbage and transplant outside in rows 24 to 30 inches apart, placing plants about 18 inches apart, in the row. Cultivate same as Cabbage. Can also sow seed in drills, ½ inch deep, outside in May and transplant.

One ounce of seed will sow 200 feet of drill. About 200 plants to the packet.

Pride of Denmark. A fine variety, growing about 3 feet tall. 65 days from trans. Pkt. 5 cts.; oz. 20 cts.: ¼lb. 65 cts.; lb. $2.00

LONG ISLAND IMPROVED DWARF. Low growing but very productive. 65 days from trans. Pkt. 10 cts.; ½oz. 15 cts.; oz. 25 cts.: ¼lb. 75 cts.; lb. $2.50.

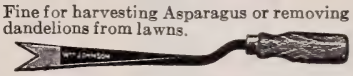
Free Leaflets With Orders on Request

These leaflets will help you to better succeed with growing vegetables. Just add those you want to your order and they will be gladly sent.

The Vegetable Garden
Growing Seedlings
Hotbeds and Cold Frames
Growing Asparagus
Growing Cabbage and Cauliflower
Celery Culture
Growing Lettuce
Growing Mushrooms
Growing Melons
Growing Onions
Peanut Culture
Pruning Calendar
Soil Fertility and Fertilizers
Tomato Booklet

ASPARAGUS KNIFE

Fine for harvesting Asparagus or removing dandelions from lawns.



Price 40c Ppd.

Italian Green Sprouting Broccoli

Relief Orders For Seed ACCEPTED BY US

Relief orders for vegetable seeds, when issued by any State, County or City Relief Agency, will be accepted in exchange for vegetable seeds at prices quoted herein. The relief order must be a regular printed form; must show the amount it is good for in dollars and cents and be signed by the authorized Relief Agent. It must also be signed by the person ordering the seed in the place for signing for receipt of these seeds. Seeds selected must be vegetable seeds only and in quantities as specified thereon

Livingston's Quality Beans Satisfy

Tendergreen Beans

Fresh Stock—True-to-Name—Select Strains

Culture—Plant Dwarf Beans in small gardens, in rows 2½ feet apart, and three or four Beans in a hill about a foot apart in the rows. Cover the Beans with 2 inches of soil and press it down firmly, to aid in germination. For a continuous supply, plant about May 15 and every ten days until August. Never cultivate or handle beans when the vines are wet.

One pound will plant a row 100 feet long; 60 to 100 lbs. to an acre.

2 pounds equals 1 quart, 15 pounds 1 peck, 60 pounds 1 bushel.

Green-Podded Dwarf Varieties

Full Measure. A comparatively new sort worth trying. It is ready for table use a few days later than Stringless Green-Pod, and very productive, as indicated by its name. The fine stringless green pod is about 6 inches long, straight, very fleshy, round, and crease-backed. When dry, the Bean is similar to the Red Valentine and should be used in place of it. 66 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

Asgrow Valentine. A stringless Black Valentine. Pods are long, straight, oval and completely stringless. Plants, which resemble Black Valentine, are sturdy and prolific. Becoming very popular. 63 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.15; 10 lbs. $2.00; 25 lbs. $4.50.

Bountiful. If you like a flat green-podded Bean, Bountiful is sure to please you. It has a beautiful, light green, semi-round, straight, stringless pod, 6 to 7 inches long; begins bearing quite early and lasts a long time. A hardy, early, productive sort, growing about 15 inches high. The dry Beans are light yellow, and may be boiled. 62 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.15; 10 lbs. $2.00; 25 lbs. $4.50.

Stringless Green-pod. If a round-podded green Bean is preferred, the Stringless Green-Pod is the finest. It is a strong-growing, dark green foliage sort, with round, meaty, brittle, slightly curved pods of highest quality, that simply refuse to get stringy even when old enough to shell. Dry Beans dark brown. 61 days. Large Pkt. 10c; ½lb. 20c; lb. 35c; 5 lbs. $1.05; 10 lbs. $1.80; 25lbs. $4.00.

Giant Stringless Green-pod. Later than Stringless Green-Pod but has pods fully an inch longer which are round, quite straight, brittle and stringless. The plants are very prolific, making this variety popular for canning. 62 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.80; 25 lbs. $4.00.

STRINGLESS GREEN REFUGEE. Quite similar to the Late Refugee or 1,000-to-1, except that it is stringless. It has a slender, light green pod, slightly curved, about 5 inches long, of good quality. A good yielder, coming into bearing late. Popular for canning. 84 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.80; 25 lbs. $4.00.

HOPKINS EARLIEST RED VALENTINE. The finest strain of the old Red Valentine type. Pod about 5 inches long, round, with some string. 60 to 65 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.00; 10 lbs. $1.70; 25 lbs. $3.75.

TENNESSEE GREEN-POD. A large, flat-podded variety, having strings, but of such good quality that it is popular where well known. Pod 6 to 7 inches long, curved, irregular, and dark green. 60 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.75; 25 lbs. $3.90.

Full Measure Beans

Bountiful Bean

Tendergreen. A new, entirely stringless, early round-podded, dwarf variety. The light green pods are 6 to 7 inches long, meaty, tender and fine flavored. Vines are vigorous and productive. It fully justifies its name and deserves to be in your garden. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $2.00; 25 lbs. $4.50.

REFUGEE or 1,000-to-1. A good old late canning sort with round pods. 82 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 30 cts.; 5 lbs. 95 cts.; 10 lbs. $1.55; 25 lbs. $3.40.

The Most Critical Gardeners

PLEASE READ THIS BEFORE ORDERING BEANS

We pay transportation (See page A-1). ½ pound may be purchased at the pound rate. We cannot supply less than 5 pounds of one variety at the five pound rate neither can we supply 5 pounds made up of two or more varieties at the five pound rate.

Wax-Podded Dwarf Varieties

Sure-Crop Wax. As its name indicates, a thrifty, hardy sort and very popular with gardeners. A big-yielding, semi-round, long-podded, deep yellow, stringless variety. Everybody should plant some Sure-Crop. 70 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.80; 25 lbs. $4.00.

Improved Pencil-Pod Black Wax. The old, original Black Wax was never beaten for quality. This Pencil-Pod strain has a better shaped and longer pod. Fine for home-gardens. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.80; 25 lbs. $4.00.

Wardwell's Kidney Wax. This is the handsomest of the flat-podded Wax Beans, and very popular. The pods are straight, 6 inches long, broad, flat, stringless, and light yellow in color—almost transparent. Rather tender but productive. 61 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.80; 25 lbs. $4.00.

Unrivaled Wax. This very productive sort is ready in about 60 days from planting. The beautiful light yellow pods are 5½ inches long, semi-flat, fleshy, of fine texture and flavor. A vigorous grower; almost blight-proof. Popular with gardeners and well adapted to home gardens. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

WEBER WAX (Crackerjack Wax). An early variety. Bright yellow pods 6 to 6½ inches long, quite broad and uniformly curved, fleshy, stringless and brittle. 59 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

IMPROVED GOLDEN WAX. An old-timer with 4-inch flat yellow pods. 61 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.75; 25 lbs. $3.90.

LIVINGSTON'S PENCIL-POD WAX (Refugee Wax). 64 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.75; 25 lbs. $3.90.

DAVIS WHITE WAX. 58 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.75; 25 lbs. $3.90.

Sure-Crop Wax Bean Inoculate Beans with NOD-O-GEN. See page 40.

Shell Beans—For Dry Winter Use

FRENCH HORTICULTURAL. 70 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.

DWARF HORTICULTURAL. 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.15; 10 lbs. $2.00; 25 lbs. $4.50.

ROBUST PEA. (Improved White Navy.) Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 5 lbs. 85 cts. 10 lbs. $1.35; 25 lbs. $2.90.

WHITE MARROW. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 5 lbs. 95 cts.; 10 lbs. $1.60; 25 lbs. $3.50.

WHITE KIDNEY. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 5 lbs. 95 cts.; 10 lbs. $1.60; 25 lbs. $3.50.

RED KIDNEY. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. 95 cts.; 10 lbs. $1.60; 25 lbs. $3.50.

Kentucky Wonder Bean

Pole or Running Beans

Culture—The Pole or Running varieties are tender and should be sown two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure. Form hills 3 to 4 feet apart; plant three to six Beans in a hill, 2 inches deep; leaving space in center for the pole. When well started, thin to from 2 to 4 plants in the hill.

Two pounds will make 100 to 200 hills, according to size of Beans

Kentucky Wonder or OLD HOMESTEAD. An old favorite with long, deep saddle-back, stringless pods. Long season; very prolific; best quality. 78 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.05; 10 lbs. $1.80; 25 lbs. $4.00.

Kentucky Wonder Wax. Similar to above, except has light waxy yellow pods. Thick; flat; very tender and stringless. 76 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.15; 10 lbs. $2.00; 25 lbs. $4.50.

LAZY WIFE. Medium green, broad, flat 6 inch pods. Stringless. 75 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

McCaslan Pole. Fine for snaps and dry shell use. Pods 8 inches, medium green, slightly flat. Seeds white. Good quality. 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

IDEAL MARKET. *New.* It is claimed that this variety will mature eight to ten days ahead of Kentucky Wonder. Pods 5 inches long, round, green, and entirely stringless. It is very productive and of good quality. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

SPECKLED CRANBERRY (Bird Egg Bean or Horticultural Pole). Midseason sort. Straight; flat; 5 inch pods. Shell Beans only. 72 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.85; 25 lbs. $4.15.

Fine Flavored Bush Lima Beans

Fordhook Bush Lima Bean

Culture—Limas are tender and must be planted after all danger of frost is over. Make rows 2 to 3 feet apart and plant beans on edge with eyes down every 6 to 8 inches. Cover to depth of 1 inch. Cultivate well, only when they are dry and up until they blossom.

One pound will plant 156 feet of row.

Fordhook. The one best Bush Lima. Outsells all others. The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use quite early. The Beans are very fat, are closely packed in the pods, shell very easily and remain green a long time. Pods are borne in clusters of from four to six, average 4 to 5 inches long, and contain usually four tender Beans of a delightful flavor. 75 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.35; 10 lbs. $2.40; 25 lbs. $5.50.

Burpee's Improved. This has uniformly larger pods than the original Burpee's Bush Lima and the Beans are thicker and remain green even in the dry stage. The plants are very prolific, bearing pods in clusters of from five to seven, the individual pods averaging 5 inches long and containing up to six Beans. The Beans are thin-skinned and of delightful flavor. 75 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.30; 10 lbs. $2.30; 25 lbs. $5.25.

New Wonder. The bushes grow about 20 inches high. Pods are smaller than Burpee's Improved; Beans slightly smaller; a few days earlier, and quite productive. A sure cropper. Very true to bush form. 70 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.05; 25 lbs. $4.65.

HENDERSON'S. The Baby Lima. Beans and pods are small. Very productive and a sure cropper. 65 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

WOOD'S PROLIFIC. An improved Henderson's Bush Lima, as the Beans are larger and thicker. 65 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.15; 10 lbs. $2.00; 25 lbs. $4.50.

Pole Lima Beans

One pound of medium-sized Lima Beans will plant 150 hills, three Beans to the hill

Early Leviathan. The earliest of the large-podded sorts. The pods are 5 to 6 inches in length and often contain five to six large, flat, pale green Beans of excellent quality. Very productive. 80 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.25.; 10 lb. $2.20; 25 lbs. $5.00.

King of the Garden. Vigorous grower, pods containing five to six large Beans, which are of fine quality. The vines grow strong and yield heavily. Very fine variety. 84 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.25; 10 lbs. $2.20; 25 lbs. $5.00.

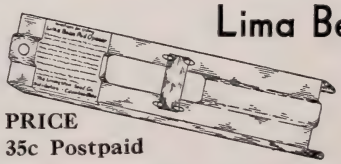
GIANT-PODDED. The largest podded Lima in cultivation; extremely vigorous in growth; midseason. Pods measure about 7 inches long by 1½ inches broad are borne in clusters of six to eight; Beans extra large and of excellent quality. 88 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.35; 10 lbs. $2.40; 25 lbs. $5.50

Ask for special prices on Beans in larger quantities.

SPECIAL BEAN COLLECTION

GIANT STRINGLESS GREEN-POD
Popular for Canning
SURE-CROP WAX
A Big Yielder
FORDHOOK BUSH LIMA BEAN
The Most Popular
1 pkt. ea. (Value 30c) 25c
1 lb. ea. (Value $1.10) 90c

Lima Bean Pod OPENER



PRICE
35c Postpaid

A little device that makes the opening of Lima Beans easy and fast and prevents sore fingers. Used by many market gardeners. If you grow many Limas you should add this handy Opener to your order.

DON'T LET THE "MEXICAN BEAN BEETLES" TAKE YOUR CROP
Use "Hammond's Slug Shot," below and Page 63 or Red Arrow, Page 9.

Liquid SLUG-SHOT
TRIPLE STRENGTH PLANT SPRAY

Ideal Combination of Stabilized Rotenone and Pyrethrum

An ideal spray for flowers and vegetables. New, easy way to kill all garden insects and prevent fungus in one operation. Non-poisonous — harmless to man, pets or birds. Does not injure the most delicate plants. Processed to prevent deterioration.

Oz. Bottle 40c Postpaid

Geroge F. Miller, Chandler, Indiana, writes: "*Have used your seed for several years and like them fine. Was more than pleased with the success of our Early Leviathan Limas last year.*"

Mr. Edward C. Porter, Salem County, New Jersey, "*Your seeds are the finest I ever planted in my garden.*"

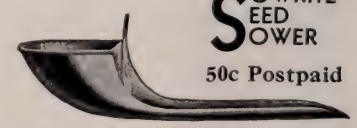
Mrs. R. M. Raupp, Wayne County, Michigan, writes: "*I wish to tell you how perfectly grand my Yellow Supreme Marigolds are. They are the admiration of all who see them.*"

Mr. Warren Marsh, Montgomery County, Ohio: "*My children are the fourth generation of Marshes that are satisfied customers of Livingston's Seed Company.*"

Mr. J. E. Spencer, Licking County, Ohio, "*Prefer your seeds to others, as I have always had better success with them.*"

SPECIAL BEET COLLECTION

EARLY WONDER
DETROIT DARK RED
EDMAND'S BLOOD TURNIP
1 pkt. ea. (val. 20c) 15c
1 oz. ea. (val. 40c) 30c



SOWRITE SEED SOWER
50c Postpaid

SOWS SEED AT A TOUCH
Hold with one hand, tap lightly with other. Adjustable regulator. Takes all seed up to Sweet Peas. Saves seed!

Choice Table Beets

Culture—The soil best suited for the culture of the Beet is that which is rather light, well fertilized. If wanted very early, sow in hotbeds and transplant; but for main crop sow in the spring, as soon as the ground becomes fit to work, in drills 1½ feet apart, ½ inch deep. For winter use, the turnip varieties may be sown as late as June and the seed covered 2 inches. When the plants are 3 to 4 inches in height, thin out so that they stand 3 to 4 inches apart. Keep free from weeds by frequent hoeing and hand-weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits same as potatoes. Dry earth thrown over them before the straw is put on insures their keeping over winter.

One ounce of seed will sow 50 feet of drill; 5 to 6 lbs. to the acre

Best home-garden and canning variety

Detroit Dark Red Beet

Detroit Dark Red. The most popular red turnip beet, not only for market gardeners but for home garden use, especially for canning. The tops are small, uniform, upright in growth, with deep red veins; roots are globular, smooth and very uniform in shape, color and quality; flesh is deep, bright red, zoned darker. 50 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Perfected Detroit. **Received Award of Merit, All-America Selections, 1934.** Superior to any variety yet introduced. Comes 90% true to exactly the same shade of dark red color and does not show any white rings. Tops are medium and their close, compact attachment leaves a larger portion of the root edible. Roots are globular, very smooth and uniform. Excellent for canning. Illustrated on page 6. 48 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Early Wonder. A fine selection from Crosby's Egyptian, being a little smaller in size. Averages more full on the bottom and come a little earlier. The demand for Early Wonder is growing several hundred pounds annually. It is a turnip-shaped variety of very uniform type and is always smooth. Flesh is a beautiful deep red color, more uniform than Crosby, and is of excellent quality. Tops are small and erect and it may therefore be planted closer than most other sorts, thereby increasing yield. 50 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Crosby's Improved Egyptian. A very early, superior variety. Has few small tops and very small tap-root. Takes on its turnip shape in early stages of growth, making it much preferred for both first early crop and late sowing. Skin is dark red; flesh somewhat lighter. After boiling, it has a uniform bright red color and a delicious flavor. 45 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

EXTRA-EARLY DARK RED EGYPTIAN. Not quite as early as Crosby's Egyptian and more flattened. Dark blood-red, medium size, tender and sweet. Good for forcing. 46 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

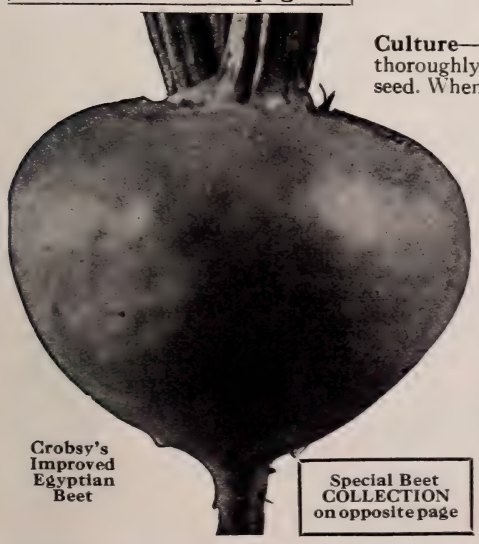
EARLY ECLIPSE. Small tops, bright, deep red roots, slightly top-shaped. A good old sort but being displaced by Detroit Dark Red. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

CRIMSON GLOBE. Late main-crop variety. Roots medium, globe-shaped and smooth. Skin and flesh deep red. 54 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

EDMAND'S BLOOD TURNIP. Second-early sort. Root smooth, round, dark red and very uniform. Among the best for table use. 57 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

DEWING'S IMPROVED BLOOD TURNIP. Main-crop variety. Big yielder. Sow late for winter storage. 56 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

GET RID OF ANTS with "ANT GAS." See page 58.



Crosby's Improved Egyptian Beet

Special Beet COLLECTION on opposite page

Beets for Stock Feeding

Culture—Sow in rows 2½ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1 inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart.

Mangel-Wurzels

MAMMOTH LONG RED. Large, dark red. Big cropper. Dairymen's favorite. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.; 5 lbs. $2.75; 10 lbs. $5.25.

GOLDEN TANKARD. Yellow; tops and neck small; productive; relished by sheep and cows. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.; 5 lbs. $2.75; 10 lbs. $5.25.

Golden Giant Intermediate. (Yellow Leviathan). White flesh. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.; 5 lbs. $2.75.

Sugar Beets

KLEIN WANZLEBEN. Greatest milk-producer. Rich in sugar. Yield almost equal to mangels. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.; 5 lb. $2.75.

GIANT HALF-SUGAR ROSE. Heavy yielder. Roots grow partly out of ground. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.; 5 lbs. $2.75.

GIANT HALF-SUGAR WHITE. Similar to above, only white. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.; 5 lbs. $2.75.

Ask for prices on large lots of both Mangels and Sugar Beets

Grow Early Main-crop

Marion Market Cabbage

Culture.—Cabbage does best in rich, mellow, well fertilized soil. For early, sow seed inside in a box or in hot-bed about 6 weeks before time to set outside. Transplant into other boxes later and harden off by gradual exposure outside. Transplant outside in April in rows 2 feet apart and 1½ feet in the row. Set plants down to the first leaf and do not cover the heart with soil. Cultivate often and deeply. For later Cabbage, sow seed outside when soil can be worked and transplant in about four weeks. Late Cabbage can be sown ½ inch deep in May and transplanted in July. Maturities given are from date of transplanting.

One ounce of seed produces about 2,500 plants
4 ounces produces enough plants to set an acre

Early Varieties

Copenhagen Market. A splendid extra-early round-headed sort which matures as early as the Wakefields and is of larger size. Practically every plant forms a perfect, tightly folded head averaging 5 to 8 pounds in weight. The compact growth of the plant, the solidity of the head, its excellent flavor, and extreme earliness—all combine to make Copenhagen Market one of the most popular early Cabbages. 66 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $2.75.

Marion Market. **(Copenhagen Yellows-resistant.)** Same type but resistant to yellows. If you are unable to grow a satisfactory crop because of this disease, we recommend this variety; otherwise we suggest you use our Copenhagen Market. 69 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

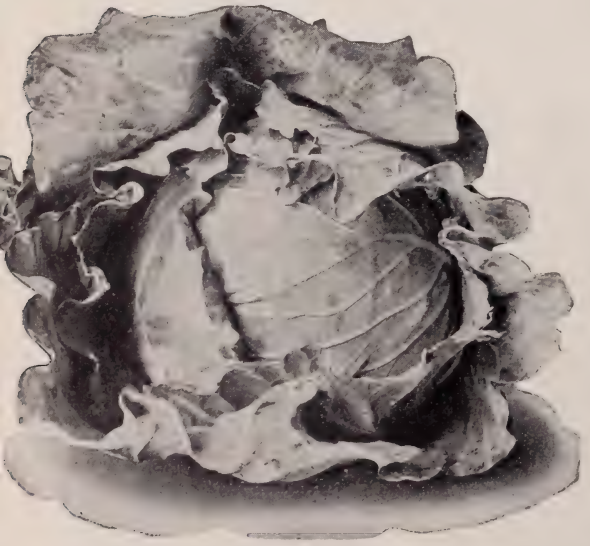
Golden Acre Cabbage

Golden Acre. A fine strain from Denmark—the home of fine cabbages. Produces uniform, quite round heads of medium size, with small outer leaves, about a week ahead of Copenhagen. Very firm, being equal to any of the late sorts in this respect. Being hardy, it will stand a long time without bursting. 55 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

Special Strain Golden Acre. Comes direct from our Denmark Grower. Matures at least a week ahead of other earlies. If you want something unusual for special dishes, grow this one. 50 days. Pkt. 15 cts.; ¼oz. 20 cts.; ½oz. 35 cts.; oz. 55 cts.; ¼lb. $1.80; lb. $6.00.

Early Jersey Wakefield. Considered by many as best early variety. Pyramidal in shape, with blunted peak; very sweet. Large heads for an early sort. Seed offered is from best growers. 62 days. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

LARGE CHARLESTON WAKEFIELD. A selection from the above. Grows larger heads, often 8 to 10 pounds, but comes about a week later. 66 days. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.



Glory of Enkhuizen Cabbage

Mr. Howard Brubaker, Lawrence County, Ohio, writes: "*My cabbage is up. I have a perfect stand and I sowed it so that thinning would not destroy too many plants. Those seeds certainly have the power to kick through their shell.*"

Second Early Varieties

Glory of Enkhuizen. Larger than Copenhagen Market, and quite round. A long-keeping sort. Dwarf and compact, allowing of close planting. Heads fine, ball-shaped. 72 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 85 cts.; lb. $2.25.

GLOBE (Yellows-resistant Enkhuizen). Same as Glory of Enkhuizen in type and maturity but possesses the distinct quality of an unusually short core. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

All-Season. **(Vandergaw.)** Heads very large, round, solid, and of fine quality, keeping as well as the winter sorts. Remarkable for its ability to stand hot sun and dry weather. Does not head up all at once. 76 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

YELLOWS RESISTANT ALL-SEASONS. 85 days. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $3.00.

HENDERSON'S EARLY SUMMER. An old standard with many growers. Heads large, flattened, and of good quality. 78 days. Pkt. 5 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts; lb. $2.00.

and Late Cabbage

Second Early Varieties—Continued

Allhead Early. Deep, flat, solid head, remarkably uniform in size, shape and color. Very compact and may be planted closely. For winter use, sow in July. 70 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

YELLOWS RESISTANT ALLHEAD EARLY. 73 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.10; lb. $3.25.

EARLY DWARF FLAT DUTCH. Large, round, flattened heads with solidity and tenderness. Highly valued for its ability to resist heat. 76 days. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

EARLY WINNIGSTADT. Well-known and popular second-early Cabbage. Heads decidedly conical. Solid, even in summer; almost worm-proof, because so hard. A sure header. 72 days. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

SUCCESSION. Large, sure header; short outer leaves. 76 days. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

Danish Ballhead Short-Stem Cabbage

Late Varieties

Livingston's Premium Flat Dutch. The main crop late variety. Because of its solidity and compact manner of growth, it is a heavy yielder. The heads are large, white, crisp, tender, and sure to head. Grown largely for late market and kraut-making in the autumn. 85 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

Danish Ballhead Short-Stem. (**Hollander, Dutch Winter**). Well known for its solidity, being very compact with medium core, weight and superb keeping qualities. Fine for storage. Most popular of all the late ballhead types. Seed from one of best Danish growers. 83 days. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $2.75.

Yellows-Resistant Wisconsin Ballhead. A new development answering the demand for a resistant variety which matures earlier and is not so coarse as Hollander. Comes 80% to 100% resistant and very uniform. Excellent for marketing, shipping and storage purposes. Illustrated on page 6. 91 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

Danish Ironball Cabbage

YELLOWS RESISTANT HOLLANDER. A strain of Danish Ballhead which is resistant to "Yellows." 91 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

THE VOLGA. Round, uniform heads measuring up to 12 inches in diameter. Very solid; color white; extremely hardy. 91 days. Pkt. 5 cts.; ½oz. 15 cts.; oz. 25 cts.; ¼lb. 65 cts.; lb. $1.75.

LIVINGSTON'S AMERICAN BALLHEAD. Name is self descriptive. Comes from an American grower of long standing. 85 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $3.00.

SUREHEAD. Large, round flattened head with few loose leaves. Good keeper. Late home garden sort. 86 days. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 75 cts.; lb. $2.00.

Red Cabbage

Danish Ironball. As round as a ball and as hard as iron. Heads grow to large size, averaging 8 ins. in diameter, of rich color throughout. Illustrated at right. 80 days. Pkt. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $2.75.

RED HOLLANDER, YELLOWS RESISTANT. Resistant variety of Danish Ironball. 84 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60.

MAMMOTH ROCK RED. Large heads, deep, red to center. 84 days. Pkt. 5 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $2.75.

Savoy Cabbage

IMPROVED AMERICAN SAVOY. (**Perfection D. H.**) Finely curled, large head on short stalk; keeps well; 84 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 85 cts.; lb. $2.25.

SMALL EARLY SAVOY. Best early. Heads firm, solid, beautifully crimped; finest quality. 73 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 85 cts.; lb. $2.50.

Chinese Cabbage

Also known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc.

Has fine delicate flavor; excellent for salads, cold slaw and when cooked. Cannot be grown successfully as a spring crop as it bolts to seed, neither can it be transplanted well. Sow seed in July in rows 2½ feet apart and thin to stand 12 inches apart in the row. Use care in cultivating.

CHIHILI. This variety runs very true to type. Length of head is about 16 inches. Outer leaves dark bluish green, while the inside is creamy white and of fine quality. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $3.00.

WONG BOK. Heads are short and heavy. Beautifully curled leaves of fine quality. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. 85 cts.; lb. $2.50.

Chihili Chinese Cabbage

SEE ALL-AMERICA VEGETABLE SELECTIONS ON PAGES 6 TO 8

Improved Danvers Carrot

Nutritious Carrots

Culture.—Sow in early spring in drills 15 to 18 inches apart, finally thinning the plants to 3 to 4 inches apart. If sown early on moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop lost.

One ounce sows 100 feet of drill; 4 pounds sow one acre

Imperator. **Award of Merit, All-America Selections 1933.** Bred for market and shipping but fine for home use. Sloping shoulders and semi-blunt end; 7 to 8 inches long; rich orange color with indistinct core. 77 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Morse's Bunching. **Gold Medal Winner, All-America Selections, 1934.** Developed as a market bunching Carrot but equally as good for home use. Tops are short and rather coarse but strong. Roots are 8 inches long, cylindrical and well stumped. Color, deep orange. Illustrated on page 6. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Improved Chantenay. 6 inches long, thick through, decidedly stump-rooted. Between Danvers and Oxheart in size. Deep orange-red; fine-grained. Smooth, shapely roots; very early. 69 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

CHANTENAY, LONG TYPE. Same as Improved Chantenay except about an inch longer. 69 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Red-Cored Chantenay. *New.* A true Chantenay but has uniform color throughout, making it appear coreless. 69 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Winter Perfection. Best so-called coreless variety; deep orange throughout. 7 to 8 inches long, very smooth and cylindrical, being practically same size from crown to bottom. A home garden and fall crop variety. 78 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

Improved Danvers. **(Half-Long.)** The best for general crop purposes. Productive in and adaptable to all classes of soil. Tops medium size, roots deep orange, medium length, tapering to a blunt point. 75 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Nantes Half-Long. Early, fine-grained, sweet variety. It is almost coreless and of medium size, being about 6 inches long. 70 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

OXHEART. Early; intermediate in length and diameter. Adapted to shallow soils. 74 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

IMPROVED LONG ORANGE. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.

You Should Grow Cauliflower

Culture.—Cauliflower delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow the seed in the hotbed in January or February and transplant the plants 2 to 3 inches apart in boxes, or in another hotbed, until such time as they may safely be planted in the open ground. Set the plants in the field 2 feet by 15 inches apart. When heading tie the outside leaves loosely over the head to protect it from the sun.

One ounce will produce 3,000 plants.

Dry-Weather. This is a fine, large, heavy, pure white variety that matures later than Snowball. Best for **dry localities** on account of its large leaves which furnish greater protection to the heads. 60 days from trans. Pkt. 15 cts.; ¼oz. 50 cts.; ½oz. 90 cts.; oz. $1.75; ¼lb. $6.25.

Henderson's Early Snowball. Heads of medium size, compact, and very white. Has few short, upright leaves. A very sure header. 55 days from trans. Pkt. 15 cts.; ¼oz. 50 cts.; ½oz. 90 cts.; oz. $1.75.

SUPER SNOWBALL. An extra-fine selection of Early Snowball. Same maturity. Pkt. 20 cts.; ¼oz. 70 cts.; ½oz. $1.30; oz. $2.50.

Livingston's Earliest. Our Danish grower spares no pains or expense with this seed stock. For wintering in coldframes for early crop it cannot be excelled, and it does equally well for a fall crop if planted late and treated the same as late Cabbage. Has taken the place of many of the late varieties on account of its fine texture, pure white heads, and large uniform size. 52 days from trans. Price under our "True Blue" Seal, pkt. 15 cts.; ¼oz. 60 cts.; ½oz. $1.00; oz. $1.90; ¼lb. $6.75

Livingston's Earliest Cauliflower

Delicious Celery

One ounce will produce 4,000 plants, 10 to 12 ounces to an acre

Complete cultural leaflet on request.

Golden Plume. This is a selected strain of Golden Self-blanching, having a beautiful golden color and that rich, nutty flavor so much desired by lovers of fine Celery. It resists blight and rust to a remarkable degree, matures quite early, and keeps a long time. Care should be taken in outside sowing to have soil fine and well firmed. Pkt. 10 cts.; ¼oz. 30 cts.; ½oz. 55 cts.; oz. 85 cts.; ¼lb. $2.50.

Giant Pascal. Forms solid, crisp stalks of rich, nutty flavor. Strong grower, blanching easily to rich creamy white. Fine keeper for mid-winter use. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

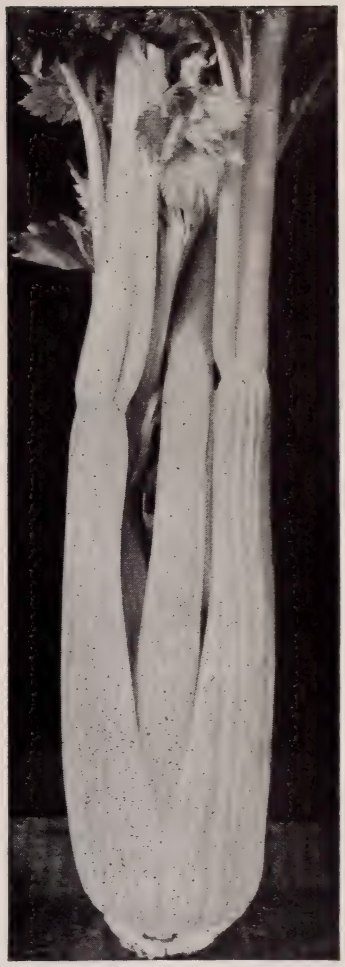
Livingston's Selected Giant Pascal. Our own selection and growing of a select strain of Giant Pascal which is entirely free from "hollow stalk." A favorite with market gardeners. Pkt. 15 cts.; ¼oz. 80 cts.; ½oz. $1.50; oz. $2.75.

Golden Phenomenal. (New.) Similar to Golden Plume, but taller. It is 27 to 28 inches and 8 to 9 inches to the first joint. The season is the same as Golden Plume. Plants heavy and compact, full hearted, and not inclined to be sprangly; stems broad, thick, brittle, free from strings, of fine flavor and excellent quality. Illustrated on page 8. Pkt. 10 cts.; ¼oz. 40 cts.; ½oz. 60 cts.; oz. $1.00; ¼lb. $3.00.

Golden Self-Blanching. Of French origin. Heavy, compact plants that grow to good size. It is very tender, solid, crisp, heart large, of excellent quality and beautiful golden color.

DWARF STRAIN. A splendid strain. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

TALL STRAIN. From one of the most careful growers. **New Strain.** Early. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.



Golden Plume Celery

Giant Pascal Celery

Easy-Blanching. White, brittle stalks of excellent flavor; strong grower. Blanches easily and is adaptable to both early and winter storage use, making it especially suitable for home gardeners. Pkt. 10 cts.; ¼oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

COLUMBIA. Early-maturing; almost round stalks of medium height. Pkt. 5 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

EMPEROR. A distinct dwarf type about 15 inches tall; easily blanched. Stalks white with heart tinged yellow. Pkt. 5 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

White Plume. Adapted to fall and early winter use. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $3.00.

Cress

(Pepper Grass)

One ounce will sow 100 feet of drill

EXTRA-CURLED. A well-known and very agreeable pungent salad; can be used alone or with lettuce. Requires to be sown thickly, at frequent intervals, covering very lightly, to keep up a succession, as it soon runs to seed. May be cut two or three times. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

TRUE WATER. Well-known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams. Has a pleasant, pungent flavor. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. $1.00; lb. $3.50.

UPLAND. Hardy perennial; stays green nearly whole year; ready for use before any other salad. Sow in April in rows 1 foot apart. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.35.

Celeriac

(Turnip-Rooted Celery)

Sow the seed same as for Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as salad.

GIANT SMOOTH PRAGUE. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 85 cts.; lb. $3.00.

Don't Make Vegetables Fight to Live

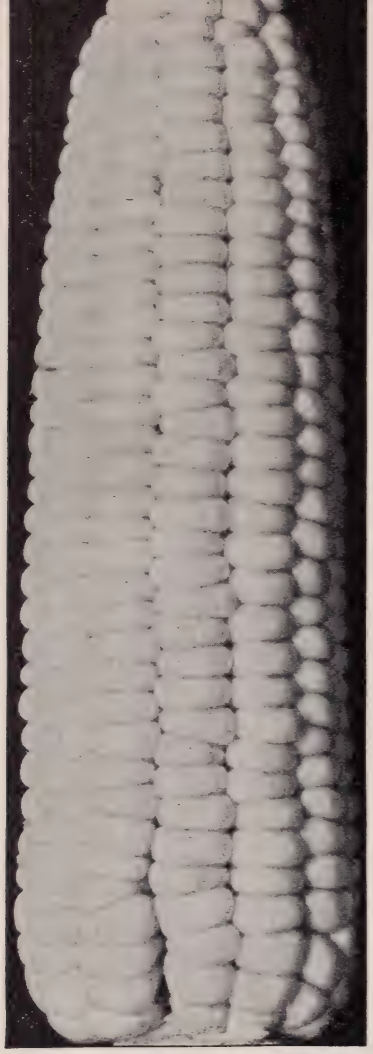
Plant or thin them to the proper distance apart. Our cultural directions give the proper distance.

Garden Trowels

Transplanting Trowel. 35 cts. Postpaid.

Pressed Steel. 6-in. 45 cts., postpaid.

Forged Steel. 5-in. 60 cts.; 7-in. 75 cts. **postpaid.** Be sure to state size wanted.



Livingston's Early Sugar Corn

Livingston's Choice Sweet

Delivered Free Anywhere in the United States. **See Page 1-A**

Culture.—The Sweet or Sugar Corn varieties, being liable to rot in cold or wet ground, should not be planted until May, or when the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in July, in hills 2 by 3 feet apart for the early kinds, and 3 by 3 feet for the large late sorts, using four or five grains to the hill. Cover seed 1 inch. Give frequent and thorough cultivation all the season.

One pound plants 300 feet of row. 12 to 16 pounds to an acre
1½ pounds equals 1 quart, 12 pounds a peck, 48 pounds a bushel

Livingston's Early Sugar. Here is a very distinct and a very valuable addition to the early Sweet Corns. As compared with other good early sorts, it has larger ears with more even rows which are filled well to the tip. Ears average 8 inches long by 2 inches in diameter, have from 10 to 12 rows of deep, broad, pearly white kernels of delightfully sweet flavor. Sixty per cent of the stalks carry two well-developed ears which are usually placed 2 to 3 feet above ground. It has a remarkably strong husk which protects the ears to some extent from ravages of insects. 80 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.

Whipple's Early White. Of the Evergreen type, but ready for use much earlier. Comes only about a week later than the small extra-early sorts but is much larger. Ears 8 to 9 inches long, 16 to 18 rows of pearly white and very sweet grains. One of the best for market or home-gardens. 79 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.60; 10 lbs. $2.90; 25 lbs. $6.75.

Gill's Early Market. The very earliest white Sweet Corn for market. Stalks are about 3½ feet high with ears set close to the ground. Ears 6 to 7 inches long, rather blocky in form, of good size, with white cob and grain of good quality. Plant Early Market for first early crop. 69 days. Large Pkt. 10 cts.; ½ lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.

Howling Mob. One of the best-flavored and most tender of all medium-early white Sweet Corns. The ears are 7 to 8 inches long with 12 to 14 rows of pure white grains. 80 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.

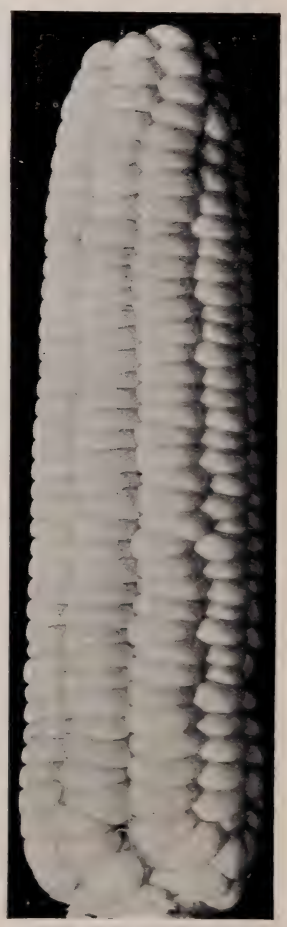
EARLY MAYFLOWER. 5 inch ears with 10 to 12 rows of white grains. 75 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lb. $1.35; 10 lbs. $2.40; 25 lbs. $5.50.

Columbus Market. The ears, often 10 inches long, carry an average of 16 rows of fine, large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, of medium height; the leaves broad and dark green in color, a habit of growth which gives it great endurance. **Very desirable for the home-garden.** 85 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.

Stowell's Evergreen. A favorite with canners and market gardeners for late use, and especially for the kitchen-garden. Ears large, 8 to 9 inches long, kernels very deep, tender and of most delicious sweetness. 92 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.55; 10 lbs. $2.80; 25 lbs. $6.50.

KENDEL'S EARLY GIANT. Ears large, 8 to 9 inches long, with 10 or more rows of plump white kernels of delicious flavor. 80 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lb. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.

EARLY EVERGREEN. An early strain of Evergreen. The ears grow to a good size, usually about 7 inches long, and contain 16 to 18 rows of deep, sweet grains. 87 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lb. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.



Gill's Early Market Corn

2½ CENTS AN ACRE FOR

SEMESAN JR.

RETURNS 2 TO 12 BUS. MORE

Dust Disinfectant for Seed Sweet and Field Corn

Provides an effective but inexpensive dust treatment for the prevention and control of field and sweet corn seed diseases. Easily and quickly applied. Used at rate of 2 ounces per bushel of seed.

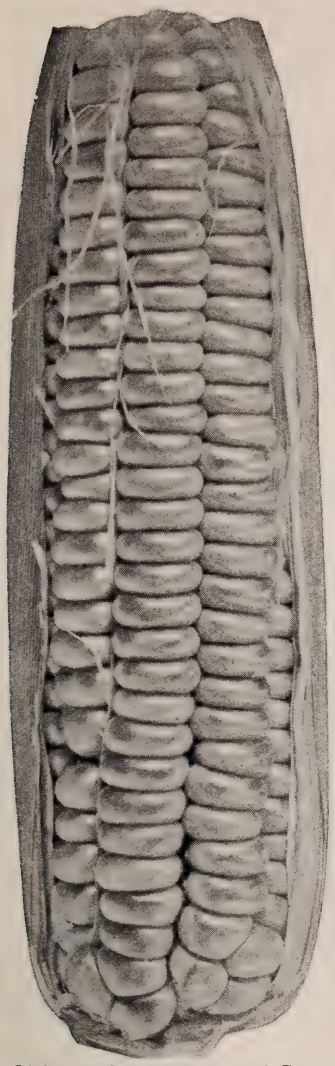
4 oz. 50c.; lb. $1.50 with your seed order. Ordered separately add 15 cts. postage and packing.

Mr. H. C. Crawthers, Washington County, Penn., writes: *"I had about fifteen hills of this Golden Cross Bantam corn last year and it made a wonderful growth. Nice large ears and FREE from worms at tip of ear. In short, I had the best results from this corn than from any I ever planted."*

Mr. Robert Dieter, Du Page County, Illinois, writes: *"I'm buying all of my seeds from you this year, although I've never before traded with you. I have seed catalogs from six other seed houses but yours beats them all."*

or Sugar Corns

The Very Best Sorts in Standard Varieties
The First Choice in New Resistant Hybrids



Livingston's Broad-Grained Corn

Livingston's Broad-Grained. For a number of years this variety has been closely selected to produce the broadest possible grains, and, at the same time, to retain its depth of grain and splendid quality. The ears are of 8-rowed type and 8 to 10 inches long. It is ready for use in about 80 days. There is no variety in our list we would recommend more highly for uniform size and quality. 80 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.

Country Gentleman. **One of the richest flavored of all the late varieties.** The plump, pearly white kernels are of great depth. Ears average 7 inches long by 2 inches in diameter. 96 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.55; 10 lbs. $2.80; 25 lbs. $6.50.

Yellow or Golden Sweet Corns

Bantam Evergreen. **A Golden Evergreen.** Has the good qualities of Golden Bantam combined with those of the Evergreen. Comes just right in season to follow the early sorts. Color a rich golden yellow. Ears about 8 inches long and 2 inches thick. 90 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.60; 10 lbs. $2.90; 25 lbs. $6.75.

Golden Sunshine. This new Corn will average about a week earlier than Golden Bantam. It has 12-rowed ears, 7 inches long, with deep yellow, deliciously sweet grains. Stalks grow only about 5 feet high. Especially valuable for its extreme earliness. 74 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.55; 10 lbs. $2.80; 25 lbs. $6.50.

Whipple's Early Yellow. This new variety is double the size of Golden Bantam, only a few days later, and fine quality. The ear is 7 to 8 inches long and has 12 to 16 rows of large kernels. Stock grown from the originator's seed. 80 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.60; 10 lbs. $2.90; 25 lbs. $6.75.

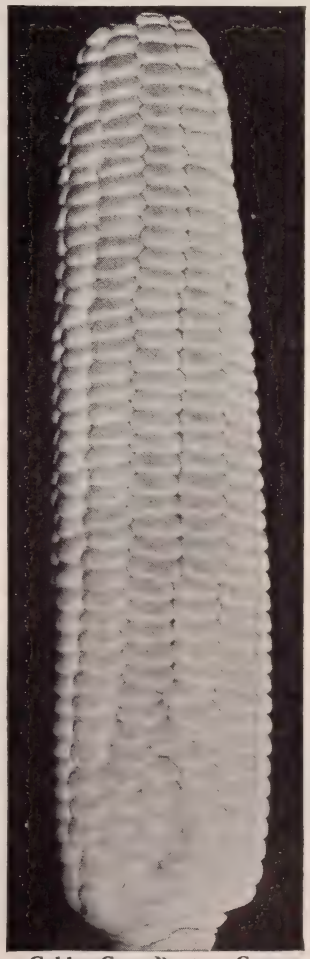
Golden Bantam. One of the most delicious of all Sweet Corns. Ears are about 6 inches long, 8-rowed, filled with broad, sweet, golden yellow kernels. 78 days. Large pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.55; 10 lbs. $2.80; 25 lbs. $6.50.

BARDEN'S WONDER BANTAM. Same type, season and quality as Golden Bantam, but ears are 8 to 10 inches long. 80 days. Large Pkt. 10 cts.; ½ lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.50; 10 lbs. $2.70; 25 lbs. $6.25.

The New Hybrid Corns

Kingscrost. **Received Special Mention, All-America Selections, 1934.** New double cross between inbred strains of Golden Bantam. (4 crosses). Especially noted for earliness, uniformity of maturity, eating quality and yield. Ready for use 10 days earlier than ordinary Bantam. More fully described and illustrated on page 6. Large Pkt. 15 cts.; ½lb. 30 cts.; lb. 50 cts.; 5 lbs. $1.85; 10 lbs. $3.40: 25 lbs. $8.00.

Golden Cross Bantam. **New Stewart's Wilt-Resistant Hybrid.** Sturdy stalks and broad, green leaves that withstand adverse conditions. Ears are 7½ to 8 inches long with 10 to 14 rows of highest quality golden yellow kernels. Produces marked increase in yield and surprisingly uniform stalks and ears. 88 days. Large Pkt. 15 cts.; ½lb. 30 cts.; lb. 55 cts.; 5 lbs. $2.35: 10 lbs. $4.40; 25 lbs. $10.50.



Golden Cross Bantam Corn

"Out of Sight" Mole Trap

Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. **Can be used in hotbeds under sash.** Full directions with each trap.

$1.50 Postpaid

Pop Corn

Japanese Hulless (Tom Thumb). A heavy yielder of short, thick, uniform ears. Pops out a very large, pure white grain, and is of delicious quality. Very tender but it retains its shape very well. Dwarf-growing. Pkt. 10 cts.; ½lb. 20 cts.; lb. 30 cts.; 3 lbs 75 cts.; 5 lbs. $1.10.

WHITE RICE. Very productive, excellent quality; very crisp and delicious. Pkt. 10 cts.; ½lb. 20 cts.; lb. 30 cts.; 3 lbs. 75 cts.; 5 lbs. $1.10.

Early Fortune Cucumber

Culture—As soon as the weather has become settled and warm, plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill; cover ½ inch deep, smoothing the hill off with the hoe. Later, thin to 3 or 4 plants to a hill. For pickles, plant from June 1 to August 1. The fruit should be gathered when large enough for pickling, whether required for use or not, as if left to ripen on the vines, it destroys their productiveness.

One ounce of seed will plant about 50 hills; 2 to 3 pounds to the acre

Livingston's Colorite. A White Spine type. Its rich, dark green color extends well down to the blossom end. Straight and cylindrical, with medium blunt ends. Length averages 10 inches. Excellent for home use and a good shipper. 70 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

Livingston's Extra-Early White Spine. **The most thoroughbred, uniform and shapely variety of White Spine known, not only for first early, but for general crop as well.** Vines are vigorous growers. The very best for slicing, and makes choice pickles; straight and smooth. A great bearer and keeps green much longer than the yellow varieties. 60 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

Arlington White Spine. An early and very productive Cucumber. Fruit quite uniform, about 7 inches long and well rounded at both ends, of bright green color. Used for early slicing and when planted late it produces good pickles. 63 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

Early Fortune. A fine variety of White Spine type. The fruit is of uniform size and shape and is of very firm texture, thus permitting long-distance shipping. Popular in South. The skin, which is dark green, holds its color remarkably well and therefore remains in slicing condition longer than some of the other standard sorts. 66 to 70 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

Green Prolific or BOSTON PICKLING. Of uniform growth, seldom too large for pickling; produces fine, short, green pickles, and is immensely productive. 53 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

Livingston's Evergreen Pickling. *Introduced by us in* 1890. **Generally admitted to possess every qualification required in a perfect pickling Cucumber.** Exceptionally productive. It is a very strong grower, and bears firm, crisp, evergreen fruits, which are excellent for slicing. 65 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

EARLY GREEN CLUSTER. The small, short prickly pickles are borne in great profusion in clusters of two and three. Fine for bottling. 53 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

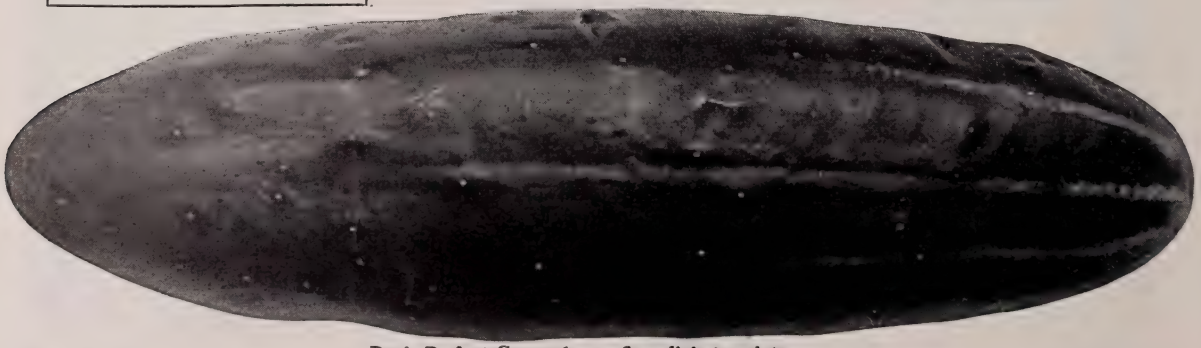
WESTERFIELD CHICAGO PICKLING. A deep green pickle of medium length, slightly pointed at ends. 53 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

GHERKINS. Used only for pickles. Fruits small, oval, about 2 by 1¼ inches, covered with spines; color light green. 80 days. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 70 cts.; lb. $2.25.

Davis Perfect. A fine dark green slicing variety which retains its color long after picking. The size and shape are ideal; 9 to 11 inches long; 2½ inches thick; tapering at both ends. Has few seeds which are so small and tender they are hardly noticeable. 68 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

Special Cucumber Collection
DAVIS PERFECT
GREEN PROLIFIC or
BOSTON PICKLING
KLONDIKE
1 pkt. Ea. (Value 30c) 20c
1 oz. Ea. (Value 65c) 50c

SEE PAGE 7 FOR NEW "STRAIGHT 8" CUCUMBER



Davis Perfect Cucumber, a fine slicing variety

Cucumbers and Pickles

Longfellow. An excellent, long, slender, dark green variety equally desirable for greenhouse forcing or outdoor culture, and an ideal type for the private garden or as a "straight pack" variety for shipment to market. It measures 12 to 14 inches long by 2½ inches in diameter. A good healthy grower, productive, and is fairly early. 74 days. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.50.

Improved Long Green. The vines are very strong-growing and productive. The fruits are quite long, averaging 8 to 10 inches in length, and dark green in color. This good old sort is very popular both as a slicer and for pickles. 72 days. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 70 cts.; lb. $2.25.

KLONDIKE. Excellent strain of White Spine, remarkable for the uniformly dark green skin of its shapely fruits. Popular with southern planters. 66 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

EXTRA-LONG or EVERGREEN WHITE SPINE. Averages longer than other strains. Extra-fine shape and quality; makes a good pickle; may be grown under glass. 70 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

Chicory

Chicory for Salads

Culture—Sow seed ¼ inch deep in June in open ground, in rows 12 to 14 inches apart, keeping free from weeds; water if necessary. Take up the roots in November and cut off top to about 2¼ inches from the neck and shorten lower end to a uniform length of 8 to 10 inches. Prepare a trench 16 to 18 inches deep and place roots upright, 1½ inches apart. Fill in level with good, light soil and by covering with 1½ feet of manure any portion may be forced as needed. In four to five weeks the heads will be ready for use. The blanched head is the edible portion and is generally eaten raw as a salad.

One ounce will sow 100 feet of row. 4 pounds to an acre

WITLOOF (French Endive). High-grade general stock. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

WITLOOF, SELECTED FORCING. Especially selected stock for greenhouse forcing. Pkt. 5 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. $1.00.

Collards for Greens

A plant of the cabbage family and cultivated in the same manner. It is well adapted to the South, enduring extreme heat; excellent for greens.

One ounce will sow 100 feet of row

TRUE SOUTHERN or GEORGIA. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

Corn Salad or Fetticus

A vegetable used as a salad. Sow at the first opening of spring for summer use in rows 1 foot apart, and it is fit for use in six to eight weeks.

One ounce will sow 100 feet of row

LARGE-LEAVED. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.40.

Mr. Lee Snead, St. Francoisi County, Missouri, "*I wish to say I get better results from your seed than I ever did from any other seed.*"

Longfellow Cucumber

Dandelion

Culture—Sow in May or June, in warm, rich soil, in rows 1½ feet apart and cover seed ½ inch. Some of the plants will be ready for use in September; the remainder the following spring.

One ounce will sow 150 feet of drill

LARGE-LEAVED. Leaves are fully double the size of the common Dandelion. They make delicious "greens." Years of the most careful cultivation have developed a very fine strain of seed. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.75.

See the inside back cover page for "OUR GREAT DOLLAR COLLECTION OF 'TRUE BLUE' VEGETABLE SEEDS"

Dill

Culture—Sow, early in the spring, thinly in rows about 1½ feet apart for hand cultivation or 2½ feet apart if to be cultivated with horse. Cover seed about ½ inch. Dill is used in large quantities for flavoring cucumber pickles and vinegar.

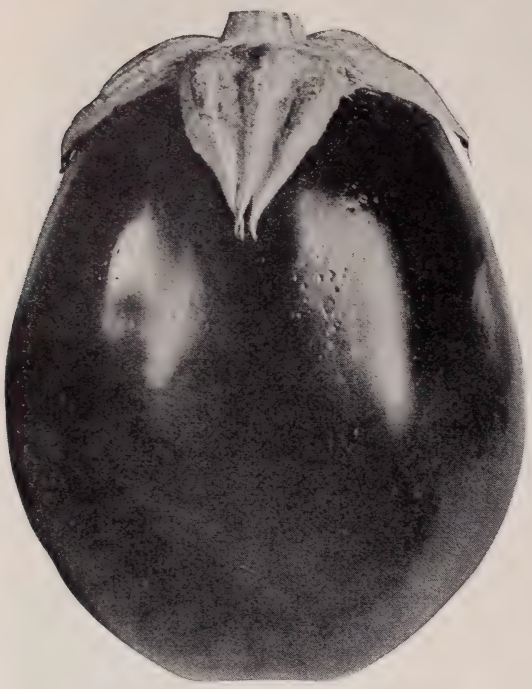
One ounce will sow 100 feet of row

COMMON. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.
MAMMOTH. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.

Planet Jr. Tools

We carry a complete line of these well-known garden tools. We do not have room to list them in this catalog but if you are interested we will gladly send you the Planet Jr. catalog.

The Leading Varieties of Eggplant



Livingston's Mammoth Purple Eggplant

Culture—Sow seed in hotbed or window box in late March. Temperature should be about 75 degrees. When large enough to handle transplant to other boxes; keep covered and warm, and occasionally water. Harden plants by gradual exposure to sun and air. Transplant outside in late May or June, into warm, rich soil, 2 to 3 feet apart each way. When about a foot high draw earth up to the stem.

One ounce of seed produces about 1,500 plants

Livingston's Mammoth Purple. This is a splendid strain of New York Improved Large Purple. It is quite early, a sure cropper, and entirely spineless. The plants are large, vigorous, and very productive. Fruit is uniform in color and shape, very large—usually 6 to 8 inches in diameter, sometimes larger; skin a handsome dark purple, smooth and glossy; flesh white, of superior quality. 130 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Black Beauty. Earlier than the purple varieties. Fruit rich, lustrous, purplish black color. It is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits that are very attractive and of the best quality. This variety is entirely spineless. 120 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

NEW YORK IMPROVED LARGE PURPLE. A leading variety. Fruit very large, oval, smooth, deep purple, flesh white and of good quality. Similar to Livingston's Mammoth. 130 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Garlic Sets

Garlic Sets or Bulbs are planted in early spring in rows 1 foot apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as multiplier onions. Garlic is used for flavoring purposes. Bulbs, oz. 5 cts.; ¼lb. 15 cts.; lb. 35 cts.; 5 lbs. $1.50

Keeps dogs, cats and animals away from trees, evergreens, roses, shrubbery, etc. Tube releases vapor offensive to animals but not noticeable to humans. One tube lasts a year.

50c Postpaid

Endive

Culture—For an early crop, sow in April in rows 15 inches apart, cover ½ inch, and later thin the plants to stand 1 foot apart in the row. The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch the heart.

One ounce of seed will sow 150 feet of drill

"Full Heart" Batavian. Award of Merit, All-America Selections, 1934. New Special Strain of fine quality. Large, thick, dark green leaves, slightly wrinkled. Forms a large head with a full heart which easily blanches to a beautiful light yellow. Earlier than and superior to Broad-leaved Batavian which it will replace. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

BROAD-LEAVED BATAVIAN. The broad, thick, slightly wrinkled leaves form very large heads, which are much used in soups. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.10.

Large Green Curled. A hardy, vigorous-growing variety with bright, deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to rich creamy white. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

FINE GREEN CURLED. A hardy variety with deep green leaves, beautifully cut and curled, easily blanched. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

We Pay Transportation. See page 1.

Neponset Growing Pots

These Black Pots provide economy, ease and convenience for the full growing period of young plants without retarding the root growth—in fact, the waterproofing treatment of these pots seems to encourage healthy growth.

Size	Postpaid with your seed order 25	50	100	Wgt. per 1,000	Not Postpd. 1,000
2¼-in.	$0.35	$0.60	$0.90	16 lbs.	$ 4.80
2½-in.	.40	.65	1.00	22 lbs.	5.35
3 -in.	.50	.80	1.25	28 lbs.	6.50
3½-in.	.55	.85	1.50	39 lbs.	8.55
4 -in.	.60	1.00	1.75	52 lbs.	10.00

Large Green Curled Endive

Kohlrabi (Turnip-rooted Cabbage)

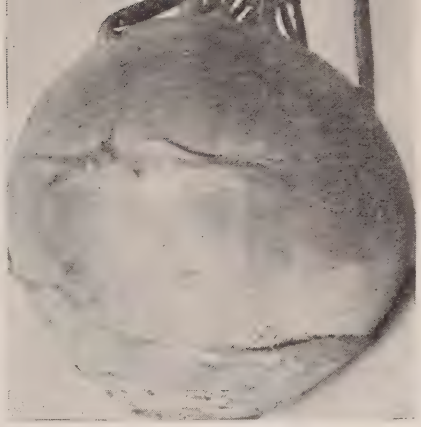
Culture—The turnip-shaped bulb formed above the ground is the edible part. The flavor seems to combine that of cabbage and turnip. When young and tender they are fine for table use; when matured they keep splendidly and are excellent for feeding stock. Sow in rows 18 inches apart, cover ½ inch, and thin to 6 inches apart in the row.

One ounce of seed sows 300 feet of row

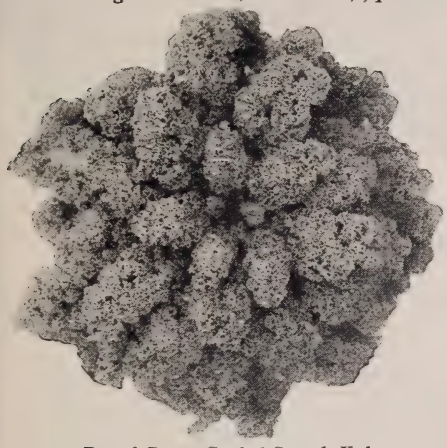
Early White Vienna. Greenish white outside, with clear white flesh within. Fine in quality. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

EARLY PURPLE VIENNA. Same as above, except in the outside color. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

EARLY WHITE SHORT-LEAVED. An extremely early sort, with very small tops, thus allowing close planting; flesh white. Fine for forcing. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.



White Vienna Kohlrabi



Dwarf Green Curled Scotch Kale

Herbs for Many Purposes

Sweet, Pot, Culinary, and Medicinal

Culture—Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills 1 foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in dry bottles or dry boxes to exclude the air. Varieties in this list marked with an * require two years to mature.

	Pkt.	Oz.
Anise	$0.10	$0.20
***Caraway**	.05	.10
***Coriander**	.05	.10
Dill, Common	.05	.10
Dill, Mammoth	.05	.10
***Fennel, Sweet**	.05	.15
***Horehound**	.10	.25
***Lavender, Sweet**	$0.10	$0.40
***Rosemary**	.10	.50
Sage, broad-leaved	.10	.25
Summer Savory	.10	.15
Sweet Basil	.10	.15
Sweet Marjoram	.10	.30
***Thyme**	.10	.45
***Wormwood**	.10	.45

Kale or Borecole

Culture—Kale, or "German Greens," does not form heads, but it furnishes an abundance of pretty curled leaves that are highly prized as food. Sow thinly from the middle of April to the beginning of May; thin or transplant and cultivate like cabbage. Will endure considerable frost without injury.

One ounce of seed sows 200 feet of drill; 1 to 2 pounds sow an acre

Dwarf Green Curled Scotch. Dwarf and spreading. The leaves are beautifully curled and of a bright green color. Hardy. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Tall Green Curled Scotch. Very similar to the above in color, being a beautiful light green. The plant grows about 3 feet high, is very ornamental and makes excellent greens. Very hardy. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

Siberian. Dwarf growth; bluish green leaves. Sow in September, in rows a foot apart, and cultivate the same as spinach. Very hardy and makes excellent spring greens. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

Leeks

Cultivate the same as onions. One ounce of seed will sow 100 feet of row

BROAD SCOTCH or LONDON FLAG. A hardy kind; large, strong plants with broad leaves. Pkt. 10 cts.; ½oz. 15 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.50.

Mr. Joseph Kunkel, Essex County, New Jersey, writes: "*Your seeds are of very good quality. I had seed from you this spring and all grew wonderfully and your lettuce seed was the best I ever planted and I enjoyed eating the Simpson lettuce.*"

Harriet J. Francis, Will County, Illinois, writes: "*Please find one dollar enclosed for which send your Dollar Collection of "True Blue" vegetable seeds. I have used it a number of times and know it is good.*"

Mr. Geo. G. Hemmer, Posey County, Indiana, writes: "*Mrs. Christ Wegener of R. R. 8, Evansville, Indiana send to you folks every year for their seed and they highly recommend you people to us.*"

Painted Pot Labels

Sizes	Postpd. with seed order. 50	100	Not postpd. Wgt. per 1000	1000
4 x ⅝	$0.30	$0.50	4 lbs.	$2.00
4½x ⅝	.30	.50	5 lbs.	2.10
5 x ⅝	.35	.55	5 lbs.	2.20
6 x ⅝	.40	.60	6 lbs.	2.50
8 x ⅝	.45	.65	9 lbs.	2.80
10 x ⅝	.50	.75	11 lbs.	3.50
12 x ⅝	.60	.85	15 lbs.	4.20
8 x ⅞	.70	.95	14 lbs.	4.50
10 x ⅞	.90	1.25	18 lbs.	5.50
12 x1⅛	1.25	1.75	30 lbs.	8.20

Copper Wired Tree Labels

Painted, durable wood labels. Ideal for marking trees, shrubs, Dahlia tubers, Canna bulbs, etc.

Size, 3½x⅝-inch, 50 cts. per 100; $1.50 for 500; $2.45 per 1,000, **not postpaid. Add postage.** Weight, 5 lbs. per 1,000.

Garden Clipper PRUNING SHEAR

The gardener's handy surgical instrument for miscellaneous pruning. Highly tempered steel cutting blade; makes a clean knife-like cut; has comfortable grip. Ideal for trimming and cutting all superfluous branches, etc. about the garden.

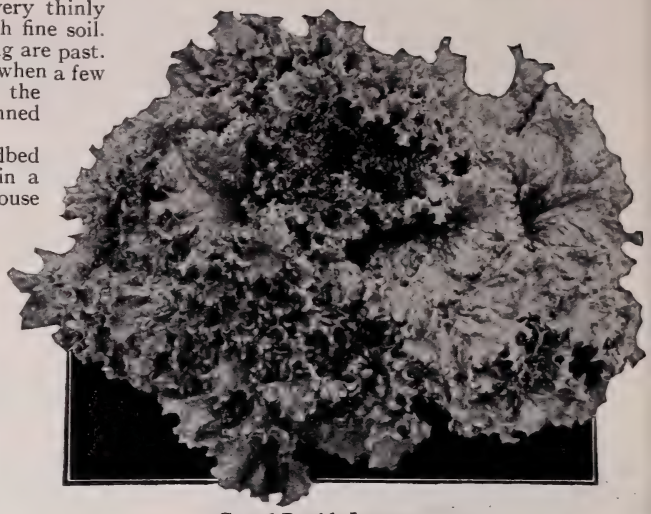
Price 60c. Ppd.

Livingston's Leaf and Heading Lettuce

Culture—To grow Lettuce outside, sow the seed very thinly in rows 1½ feet apart, covering seed ¼ in. deep with fine soil. This can be done as soon as the cold wet days of spring are past. With loose leaf varieties, thin to about 2 inches apart when a few leaves have formed and normal use will further thin the row as plants develop. Heading varieties should be thinned to stand 12 inches apart in the row.

For fine Lettuce in early spring, sow seed in a seedbed in September or October and protect thru winter in a coldframe. It can also be sown in a hotbed or in a house box in early spring; covered with damp blotting paper and kept moist until germination. Gradually expose young plants to the light and set out when soil is dry and moist. Cultivate to keep down weeds and conserve moisture.

One ounce of seed sows 100 square feet; plants 120 feet of row; produces 3,000 plants.



Grand Rapids Lettuce

Special Lettuce Collection

Two Leaf Varieties
BLACK-SEEDED SIMPSON, PRIZE HEAD
One Heading Variety: LIVINGSTON'S CRISP-AS-ICE
1 pkt. ea. (value 25c) 20c; 1 oz. ea. (value 45c) 35c

Leaf or Loose Headed Varieties

Black-Seeded Simpson. The Universal home-garden variety. Forms a large, loose head of nearly white, curly leaves that are large, thin, very tender and of good quality. For home table use you can get no better. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Arlington Fancy Curled. A beautiful variety of the curly-leaf type. It resembles the best stocks of the Grand Rapids, but it is more beautifully curled. It is very true to type, of excellent quality, and for garnishing nothing in the Lettuce line excels it. Everyone should grow some of it, as it is one of those really good things that became popular favorites with the general public. It has a slight tendency to head, which makes it very crisp. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

EARLY CURLED SIMPSON. Forms a compact mass of curly leaves of light yellowish green, very tender. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Big Boston Lettuce

Grand Rapids. **Especially adapted for greenhouse culture; also good to sow outside early in the spring. Our stock of this variety is extra fine as we pay more for it, and have it selected.** It does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good market condition for a long time after cutting. Should be sown more shallow than the other sorts, otherwise it may not germinate. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

OHIO GRAND RAPIDS. It is a dark-leaved Grand Rapids, and a quick grower. Especially adapted to midwinter crops in greenhouse. Very hardy. Not advised for home-gardens. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

PRIZE HEAD. Heads are large, light green tinged with brownish red, and of superb flavor. Even the outer leaves are crisp and tender. Extremely hardy. Very fine for home use but too tender to ship any great distance. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Mrs. E. H. Hicks, Knox County, Ohio, writes: "*I bought a package of Arlington Fancy Curled Lettuce in my order I gave you this spring. I find it to be the best lettuce I have ever raised.*"

Heading Varieties

Maturities given are from transplanting date.

Big Boston. **(White-seeded.) This selected Lettuce is a very desirable large variety for forcing in coldframes and for outdoor planting.** Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. It forms good-sized heads and does particularly well during the cool fall and spring months. Superior quality. 50 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.35.

White Boston. Forms a fine, large, solid, buttery head similar to Big Boston, but does not have brown edges on the outer leaves. The leaves are smooth and straight on the edges. The head has a light green color and blanches to a creamy yellow. Considered one of the best heading varieties. 50 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

for Home Gardens

Heading Varieties—Cont.

Livingston's Crisp-as-Ice. Introduced by us in 1895. The large, solid heads deserve their name as they are exceedingly crisp, tender and brittle. Beautifully crimped and curled with outer leaves variegated dark brown, bronze and green; heart, creamy-yellow. Quite hardy. 50 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

All-Heart. A very reliable, hard-heading variety of Cabbage-Lettuce. Withstands heat; leaves are closely set, having a solid heart, even before it is fully grown. Color yellowish green; flavor rich and buttery. 56 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

ICEBERG. Beautiful large, curly leaves of light green, with a slight red tinge at the edges. Heads solid, crisp, tender, and of fine flavor. Do not confuse with Wonderful; they are entirely different. 50 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

IMPROVED HANSON. Large heads; outer leaves are bright green and frilled; inner leaves white, sweet and crisp. Reliable header, stands summer heat well. 48 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

TRIANON COS (Romaine). The long, narrow leaves, which form solid heads, blanch and become snowy white. Excels in quality and crispness. Can be eaten same as celery. 55 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

UNRIVALED. Large heads of light green shading to creamy white at center. Similar to Big Boston but does not have the red tinge. 50 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

MAY KING. An early variety of head lettuce. Grows quickly, producing fine, medium-sized heads, even in poor soil. It is not easily affected by cold or wet weather. 45 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Steel Hand-Weeder No. 240

Blades are made from high-grade "clock spring" steel, ground and tempered. One edge is serrated and sharpened and blade is riveted to steel handle. A very popular tool with florists, market gardeners, onion-growers, etc. **25 cts. each, postpaid.**

Livingston's Serial Picture Story

Continued from page 40

Two more interesting trial ground scenes. The one below is of several rows of the Lettuce trials. The one at right shows the New Southern Giant Curled Long Standing Mustard in center as compared with other varieties.

(Continued on page 65)

Wonderful Lettuce

Wonderful (New York). A truly wonderful heading variety. It is peculiar in having a dark green leaf when growing, but the head blanches to a light green with a center of creamy white. Heart is solid, sweet, tender, and crisp. This variety frequently weighs 2 to 3 pounds and has been known to grow to 6 pounds. Should be planted to avoid hot seasons for heading. 60 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.75.

New York No. 12. A new strain of New York. Perfectly round; solid and crisp; grows to a large size. Prefers cool weather and well fertilized soil. Matures early and is a sure header. 60 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

CHICKEN LETTUCE. Does not head but has stalks 3 to 4 ft. high which yield as much chicken-feed as any "greens" plant. When cut it starts to grow again. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

LIVINGSTON'S LETTUCE MIXTURE. One sowing produces salad for the season. Contains a grand assortment of Lettuces. Liberal pkt. 5 cts.; ½oz. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.

Mustard

Culture—The leaves are used as a salad or may be boiled like spinach. Sow seed very shallow in any good garden soil early in the spring, in rows 1½ to 2 feet apart, and when well up thin out the plants so as to stand 8 to 10 inches apart. Several sowings a week or so apart give tender leaves throughout the season.

One ounce of seed will sow 100 feet of row

Southern Giant Curled, Long-Standing. **Gold Medal Winner, All-America Selections, 1935.** A selection from Southern Giant Curled having remarkably long standing qualities, as much as 2 weeks longer than others. (See illustration at left). Leaves look like ostrich plumes, are finely crimped and curled and of a brighter color than the original. Illustrated on page 6. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. $1.00.

Fordhook Fancy. The vigorous-growing plants have beautiful, dark green, curled leaves. It is most productive from early spring sowings and stands well, even during the hot summer months. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

Southern Giant Curled. Popular in South. Large bunches of tender green leaves. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

CHINESE. A giant curled variety with leaves of large size. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.

WHITE ENGLISH. Leaves are light green, mild, and tender. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.

Sweet, Delicious Muskmelons Come

We Take Much Pride in the Quality

Livingston's Ohio Sugar Muskmelon

Culture —A rich, sandy soil and good seed are absolutely necessary for success in raising the best Muskmelons. The seed should not be planted until the ground has become dry and warm; plant in hills 6 feet apart each way; old, well-rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Put six to eight seeds in the hill and when danger from insects is past, leave one or two of the strongest plants only. Muskmelons or Cantaloupes may also be sown in rows that are made about 6 feet apart, and when the plants are well up thinned to stand in hills 5 to 6 feet apart, just before the plants begin to run. This method requires more seed but insures a good stand of plants in spite of the bugs. Cover seed 1 inch. Cultivate often and not deep.

One oz. will plant 60 hills; 2 to 3 lbs. will plant an acre.

Special Muskmelon Collection

LIVINGSTON'S OHIO SUGAR, HEARTS OF GOLD. BANANA, an odd novelty
1 pkt. each (value 20c) 15c
1 oz. each (value 45c) 35c

Green Fleshed Varieties

Livingston's Ohio Sugar. Absolutely distinct and very superior melon, the result of years of most careful and painstaking selection and breeding. One of the sweetest and most luscious green-fleshed Cantaloupes now on the market. It is the rarest exception that an under-quality melon is found. Of that desirable size in demand in all markets, round, inclined to oval in shape, heavy in proportion to size because the flesh is deep. Distinctly ribbed and well netted—color of skin gray-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender, and free from stringiness; seed cavity is small. Uniform shape. 80 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00.

SELECT STOCK. Pkt. 15 cts.; oz. 25 cts.; ¼lb. 70 cts.; lb. $2.25.

Rocky Ford. A netted Gem melon with sweet, green flesh of high quality. Fruit small, almost round, smooth, slightly ribbed, densely covered with netting. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 90 cts.; 5 lbs. $4.25.

Honey Dew. Green fleshed. Sweet as honey. Averages about 6 inches in diameter and weighs five to six pounds. The skin is smooth with little netting, flesh green, very thick and fine-grained. 100 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00.

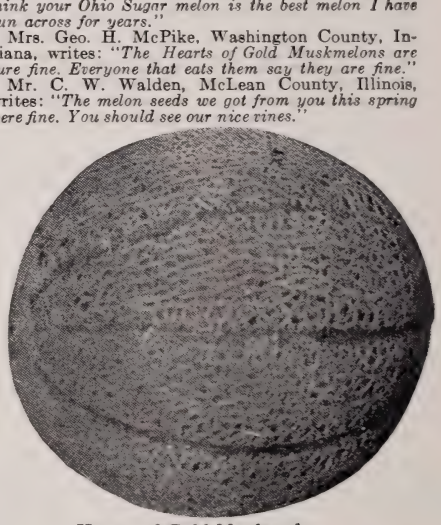
Extra-Early Knight. (Sweet Air.) A very early, medium-sized melon. Fruit oblong; skin deep green, turning to gold at maturity, well covered with a close gray netting and distinctly ribbed; flesh fairly thick and very sweet; color medium green blending to light pink. 70 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00.

DELICIOUS GOLD-LINED ROCKY FORD. A fine variety. The shape is slightly oval, heavily netted. Flesh thick, fine-grained, and sweet; color green with a gold margin next to the seed cavity. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75.

Mr. W. A. Ivey, Dinwiddie County, Virginia,: "*I think your Ohio Sugar melon is the best melon I have run across for years.*"

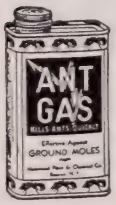
Mrs. Geo. H. McPike, Washington County, Indiana, writes: "*The Hearts of Gold Muskmelons are sure fine. Everyone that eats them say they are fine.*"

Mr. C. W. Walden, McLean County, Illinois, writes: "*The melon seeds we got from you this spring were fine. You should see our nice vines.*"



Hearts of Gold Muskmelon

Honey Rock Muskmelon



Hammond's ANT GAS

Kills Ants Quickly

Simple and easy to use. Small amount applied to the ant hill forms a heavier-than-air gas which penetrates and kills the ants—queen and all. Also kills moles by same method. Not dangerous or poisonous. At these prices you cannot afford to be bothered with these pests.

Half Pint Can ..... **50 cts.**
Pint Can ..... **90 cts.** **Quart Can** **$1.50**

POSTPAID

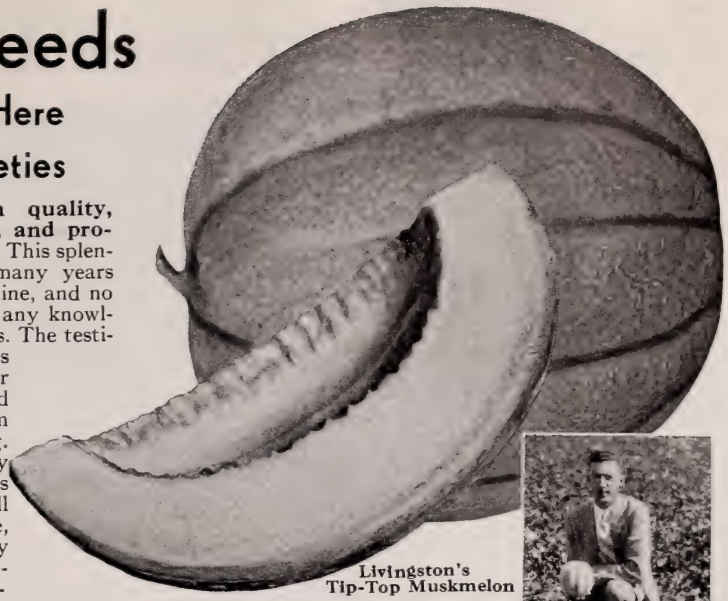
TRY GROWING SOME MELONS WITH HOTKAPS—See Page 61

From Good Seeds

Seeds You Are Offered Here

Salmon Fleshed Varieties

Livingston's Tip-Top. **Tip-Top in quality, appearance, and productiveness.** *Introduced by us in* 1892. This splendid melon has "held its own" for many years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. The testimony of all who have used **Tip-Top** is that every melon produced, whether large or small, early or late, is a good one—sweet, juicy, finest flavor, firm fleshed and edible to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh bright salmon in color; slightly oblong, evenly ribbed, moderately netted, very productive. 80 days. Originator's Strain, pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00.
SELECT STOCK. Pkt. 15 cts.; oz. 25 cts.; ¼lb. 70 cts.; lb. $2.25.



Livingston's Tip-Top Muskmelon

The King of All Melons

Every home gardener should try it.

Hearts of Gold. The original name of this melon was Hoodoo, but Hearts of Gold is much better. Vine vigorous, blight-resisting, and very productive. The fruits vary slightly in shape, averaging nearly round. The netting is very dense and fine over the entire surface. Rind, although thin, is very firm, hence it is one of the best shipping sorts. Flesh salmon, very thick, highly colored, of finest texture, and delicious flavor. Illustrated on opposite page. 73 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00.

Honey Rock. Gold Medal Winner, All-America Selections, 1933. A new and outstanding variety which is sure to become the most popular with both home and market gardeners. The quality is excellent, every Melon being of high flavor and very sweet. The size is ideal for making two servings. It is round as a ball, measuring about 6 inches thru and covered with coarse heavy netting. Flesh is a salmon color, very thick and sweet. An early, very productive variety. Illustrated on opposite page. 78 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50; 5 lbs. $7.25.

Milwaukee Market. A large variety, averaging 8 inches in diameter; has small seed cavity and thick, salmon flesh of a delicious, sweet flavor. Excellent as a home garden variety and used by gardeners who sell on close markets. Will not stand shipping. 87 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50; 5 lbs. $7.25.

Mr. C. Davey, Mobile County, Alabama, writes: "*Have bought seed from you 70 years, nearing 90 and done but still want catalog.*"
Mr. Frank Fredrick, Jefferson County, Pennsylvania: "*I sure had a wonderful garden last year from True Blue seeds. Am a True Blue Booster and planter for 14 years without failure.*"
Mr. Frank L. Chachorski, Allegan County, Michigan: "*This is my third year growing your seeds and each season I am having greater success. Always list me as a 100% booster for Livingston's seeds. Need I say more?*"

Hammond's Grape and Rose Dust
A sulphur dust preparation that controls fungus diseases; Black Spot on Roses, Mildews and Rusts on flowers and Grapes. Never unsightly; easy to use.
1 lb. sifter top, can 45cts.
5 lb. can $1.65 } **Postpaid**

Bender's Surprise. A very popular variety in the East, particularly in northern New York. Skin light greenish yellow when ripe. A very delicious, large, salmon-fleshed melon with superior shipping and keeping qualities. 80 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50; 5 lbs. $7.25.

Hale's Best. The earliest of the Rocky Ford type. A slightly oval variety averaging about 7½ inches long, heavily netted. Flesh is deep salmon, very thick and firm, with a fine flavor. Very popular with shippers and an excellent variety for home use. 75 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Lake Champlain. An exceedingly early salmon-fleshed melon of medium size and good quality. It is not entirely true as to type, but on account of its extreme earliness and quality we recommend its use for home and near-by markets. 68 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Emerald Gem. Ripens early. Medium-sized, nearly round melon, with delicate light salmon flesh, very thick, fine-grained, and of superb flavor. The rind is thin, dark green ribbed, slightly netted. One of the best for home use. 75 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.10; 5 lbs. $5.25.

Honey Dew. Salmon fleshed. Same as Honey Dew, green fleshed on opposite page. 100 days. Pkt.10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

BANANA. Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Early. 85 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

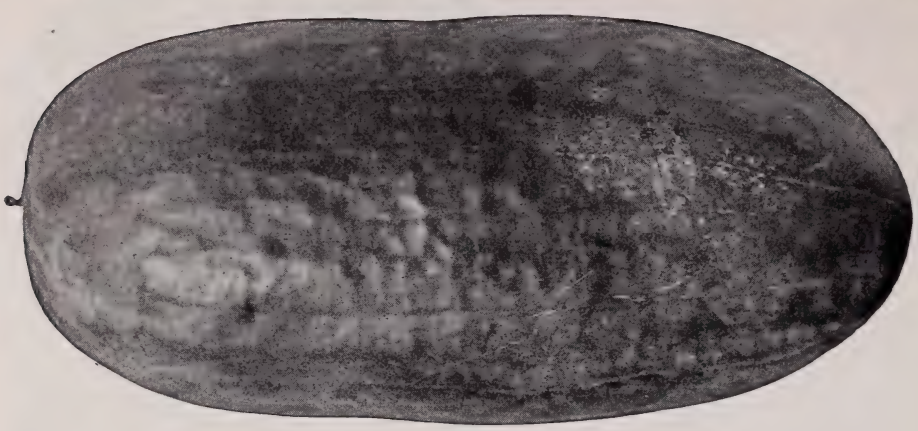
OSAGE. Large, oval, slightly ribbed variety. Main crop sort for market or home use. 78 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.10.

EXTRA-EARLY OSAGE. Earlier than the above and almost as large. 75 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.10.

Greeley's Wonder. A 4 to 5 pound, round, heavily netted, late variety. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 90 cts.

Write for Special Price on large Lots of Melons

For Fine Flavored Watermelon's



Improved Kleckley's Sweets Watermelon

One of the most desirable varieties for home gardens and local markets. Note that it is a large, heavy, oblong type with very blunt ends; this feature being a big improvement over the old strain. It has bright scarlet flesh and a very solid heart. See prices below.

Culture—A light, sandy soil, with good exposure to the sun, is the best situation for Watermelons. The ground should be prepared deeply, but receive shallow cultivation. Hoe often and very thoroughly about the hills. If extra-large Watermelons are desired for exhibition purposes, leave but one or two on a single vine. Plant 1 inch deep in hills 8 to 10 feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used, it should contain a large percentage of ammonia and potash. Plant eight to ten seeds in each hill, and finally, when danger from insects is past, thin out to three strong plants. Watermelon seeds being large, an ounce is about right for small gardens.

One ounce of seed will plant 20 to 30 hills
4 to 5 lbs. will plant an acre

Stone Mountain or Dixie Belle. A very large, medium dark green, round melon of excellent quality. Flesh highly colored, very solid, with fewer seeds than most melons. The rind is tough enough to stand handling for shipping. We find this melon somewhat earlier than other large varieties. It is very productive and can be grown farther north than many of the long varieties. It is excellent for home growing. White seeded. 85 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25; 5 lbs. $6.00; 10 lbs. $11.50.

John C. Wood, Capt, UsMC, Marine Barracks, Navy Yard; South Carolina: *"I have purchased your seeds for the past eight years—used them in almost every climate from Massachusetts to Nigaragua, and ALWAYS found them to be the best."*

Stone Mountain Watermelon

Improved Kleckley's Sweets. An improved strain of Kleckley's Sweets, being more full at either end. It is large, heavy, oblong and has an even dark green skin and rather thin rind. Averages 18 to 20 inches in length and 10 to 12 inches in diameter. Flesh is bright scarlet, with solid heart deliciously crisp and sugary. One of the most desirable varieties for home garden or local market growing. White seeded. 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75; 10 lbs. $9.00.

Halbert Honey. A very sweet, long, dark, green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delicious flavor; pulp entirely free from stringiness. One of the finest for the home-garden. White seeded. 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75.

Fordhook Early. The earliest and best melon of good size. Next to Cole's Early in time of ripening, but much larger. Fruit round; skin dark green; flesh is bright red, of fine quality. White seeded. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75.

COLE'S EARLY. Very hardy. A sure cropper for Northern States. Its dark red flesh is delicate in texture; rind green, striped with lighter shades, thin and brittle; of medium size and nearly round. Matures early. Especially good for home use. Dark brown seeded. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75.

LIVINGSTON'S ORANGE. Inner portion resembles an orange, hence its name. Inner core separates from rind when ripened and can be lifted out. Flesh beautiful pink shade, fine quality. 78 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

SWEETHEART. Splendid for shipping—popular in the South. It is hard to beat as to quality and productiveness. Melons oval, very heavy, very thin rind, but firm. In color it is a light green, slightly veined with a darker shade. The flesh is a bright red, very tender and sweet. Dark brown seeded. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.; 5 lbs. $3.50.

FLORIDA FAVORITE. A splendid oblong early melon. Skin dark green, slightly mottled with still deeper shade; flesh dark red and of the finest flavor and quality; seeds white. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

Mrs. Grace B. Ihrig, Richland County, Ohio: *"I have bought your seeds for many years."*

Special prices on Watermelon in 10- to 100-pound lots

Buy Your Seed Here

Tom Watson **Greatest of all shippers.** An extra-long melon of attractive appearance, uniform in shape and quality. The average melon will weigh 35 to 40 pounds and measure about 24 inches long and about 10 inches in diameter. Its luscious crimson flesh is sweet, melting, and of superb flavor. Very prolific. Rind thin but tough, hence popular for shipping. Brown seeded, mottled white, 90 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.; 5 lbs. $3.50; 10 lbs. $6.50.

Ice Cream. **True White-seeded.** The great kitchen-garden and home-market Watermelon. Of good size; medium early; fruit oblong; rind light mottled green. The bright red flesh is solid to the center. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.; 5 lbs. $3.50; 10 lbs. $6.50.

HARRIS' EARLIEST. Large, oval sort, with mottled skin. Dark brown seeded, 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

PRESERVING CITRON. Most desirable for preserves. Red seeded, 100 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

Irish Gray. Similar in shape and size to Tom Watson. Rind is greenish gray, thin but tough; flesh is red and free from stringiness. White seeded, 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75; 10 lbs. $9.00.

GRAY MONARCH (Long Light Icing). Very large melons, oblong in shape. White seeded, 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

CHILIAN. Medium sized, round melon with green skin, mottled and striped. Flesh bright red and of good quality. Popular on the Pacific Coast; good shipper. White seeded, 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75; 10 lbs. $9.00.

THURMOND GRAY. A large, long melon with gray-green skin and rich crimson flesh of delicious flavor. Will stand shipping. White seeded, 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00; 5 lbs. $4.75; 10 lbs. $9.00.

We can supply Round Dark Icing, Georgia Rattlesnake, Round Light Icing, Peerless, and Alabama Sweet. Each, pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.75; 10 lbs. $5.

NEW WILT-RESISTANT ASTERS

If you have become discouraged with Asters on account of wilt try these new strains. See page 12.

Tom Watson Watermelon

HAVE AN EARLIER GARDEN THIS YEAR

Germāco

Hotkaps

An individual hothouse for each plant. Makes larger and better crops.

A scientifically constructed wax paper cone that you place over each plant. Form miniature hothouses that protect plants from frost, wind, rain, insects, and ground crusting. They not only give you better Vegetables, but are a method of crop insurance.

INSTRUCTIVE PAMPHLET FREE

Prices: 1,000 lots, $10.25; 5,000 lots at $10.10 per 1,000; 10,000 lots at $10.00. Trial package of 250, including special-type Garden Setter, $3.75. Standard Germaco HOTKAP Setter, $2.25. All prepaid.

If you need HOTKAPS for your back-yard garden, note these prices: 100, with Garden Setter, $2.50; Garden Setter alone, 50 cts. **All prepaid.**

Mushroom Spawn

Mushrooms may be grown in a shed, cellar, cave or under the benches in greenhouses; in fact, in any place where conditions of temperature and moisture are favorable or can be controlled. We receive fresh Spawn several times a year from the best American growers.

American Pure-Culture White Spawn. Produced from original spore cultures under the new French process, which permits the indefinite reproduction of selected varieties without dilution of the strain, and free of any trace of the parasitic diseases of the Mushroom.

BRICK SPAWN. Spawns 10 square foot bed. Brick 40 cts.; 5 bricks $1.50; 25 bricks $6.75 Ppd.

BOTTLE SPAWN. Will spawn 40 square foot bed. Bottle $1; 5 bottles $4.50; postpaid.

CULTURAL LEAFLET WILL BE SUPPLIED TO CUSTOMERS

Riverside Sweet Spanish Onion

Livingston's Choice

Culture—Onion seed should be sown as early in the spring as it is possible to get the ground in shape, even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful Onion-growing. They delight in a rich, deep, sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Sow the seed in rows 12 to 14 inches apart and about ½ inch deep. After they are well started, or about 3 to 4 inches high, thin out to stand about 2 inches apart, keeping them well hoed and free from weeds at all times throughout the season.

Cultural leaflet free to customers

For Large Onions—1 ounce to a 100 foot row, 4 lbs. to an acre.

For Onion Sets—6 ounces to a 100 foot row, 50 to 60 lbs. to an acre.

Special Onion Collection

SOUTHPORT GLOBES, Red, White and Yellow
1 Pkt. Each (Value 30c) 20c
1 Oz. Each (Value $1.10) 90c

Yellow Varieties

Riverside Sweet Spanish. An improved strain of the Sweet Spanish Onion, superior in flavor, mildness, and keeping qualities. It is a large, well-shaped, brown Onion, weighing one pound or more. Unusually mild, but retains that genuine Onion flavor. Being a good keeper, it ships as well as any other. 110 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.; lb. $3.25.

Ohio Yellow Globe. This early fine strain is of that extreme type of Globe now so deservedly popular in all large Onion markets. Its main points of excellence are: **Distinct and attractive shape; handsome, bright, even color; necks very small; ripens early, and all at once.** The solid bulbs are **excellent winter keepers,** and all that can be desired in size and quality. This superb Onion is the most popular of the Yellow Globe sorts. 100 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10; lb. $3.75.

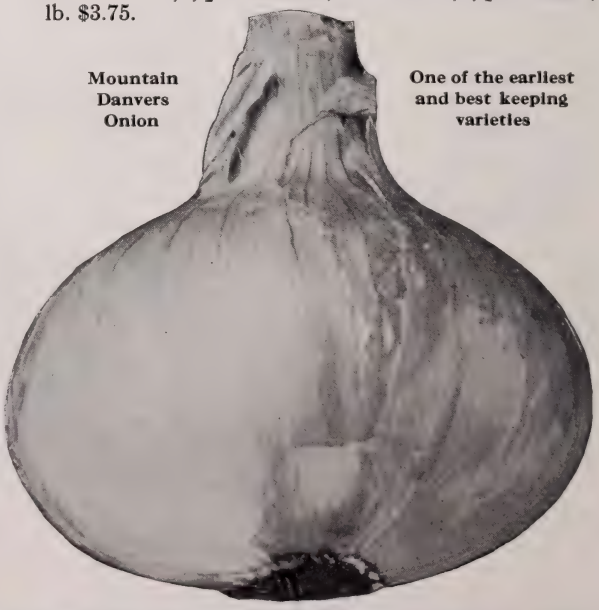
Mountain Danvers. One of the earliest and best keeping varieties in cultivation. The shape is globe, slightly flattened; color is a beautiful dark yellow shading to brown. The bulb is hard with thick, firm skin making it a good shipper and a good sort to grow for sets. Our seed grown in Colorado. 100 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 90 cts.; lb. $3.25.

Ebenezer. (JAPANESE.) This is the mildest yellow Onion in our list. The Onions are large (often 4 inches in diameter), somewhat flattened, have attractive yellow skin and firm white flesh of delicate flavor; very small top and ripens quite early for so large a variety. One of the best for sets as they keep almost indefinitely. 100 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 85 cts.; lb. $3.00.

Mammoth Yellow Prize-Taker. A hardy, good keeping variety of delicious mild flavor that can be grown to enormous size. It is globe-shaped, has rich, light yellow skin and white flesh and is a heavy yielder. Can be grown satisfactorily either by sowing seed in the open ground or by transplanting. 110 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 85 cts.; lb. $3.00.

YELLOW GLOBE DANVERS. Early and abundant cropper. Large, very thick bulb, flat or slightly convex bottom, full oval top, small neck and rich brownish yellow skin. We consider our Globe Danvers just right for critical growers. 105 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10; lb. $3.75.

SOUTHPORT YELLOW GLOBE. Produces large, perfectly globe-shaped bulbs. Color of the skin is brownish yellow. Flesh white, fine-grained and crisp. Similar to Yellow Globe Danvers, but larger. 110 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10; lb. $3.75.



Mountain Danvers Onion

One of the earliest and best keeping varieties

Cane Stakes

Dyed green, 18-in., 40 cts. for 50; 75 cts. per 100; $2 per 1,000; 3-ft., 80 cts. for 50; $1.50 per 100; $4 per 1,000; 4-ft., $1.25 for 50; $2.25 per 100; $6 per 1,000 **not postpaid.**

Raffia

Best Grade. Fine for tying up all plants. Lb. 40 cts.; 10 lbs. at 35 cts. per lb.; 25 lbs. at 30 cts. per lb.; 100 lbs. at 28 cts. per lb., **not postpaid.**

Onion Seed and Sets

Southport White Globe Onion

Red Varieties

Southport Red Globe. Most popular of any red Onion, especially in the West. The largest of the Southport Onions, ripening from a week to ten days after the yellows. The bulbs are remarkably uniform in shape, of a rich red color, ripen evenly and yield a large percentage of Onions. Flesh pinkish white. They ripen down hard, keep well, and their beautiful appearance helps to sell them. 110 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10; lb. $3.75.

LARGE RED WETHERSFIELD. A standard red variety. Large; skin deep purplish red; form round and flattened; flesh purplish white. One of the best keepers. A great yielder. 105 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. 85 cts.; lb. $3.00.

Mr. Charles Day, Jr., Brown County, Texas, writes: "*I am a boy fifteen years old, gardening has always been my hobby. I want to tell you how wonderful I think your seeds are. This year I bought small orders from several seed concerns and, needless to say, yours were the best.*

White Varieties

Southport White Globe The most handsome Onion grown. Beautiful silvery white, perfectly globe-shaped, uniform in size. Flesh firm, fine grained, solid, and of pleasant flavor. Very small neck. Our stock of this important variety has been giving great satisfaction. 110 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25; lb. $4.25.

White Portugal or Silverskin. Considered by many as the best flat white Onion. It matures early, is of good size and has a mild flavor. When young it is fine for green onions and is much preferred for combination dishes on account of the flavor. As a pickling variety it is much esteemed. It also makes a fine large Onion and is a good keeper. We urge home gardeners to grow White Portugal for all around purposes. 95 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. $1.00; lb. $3.50.

It's easy to order our way. We pay transportation on all seed.

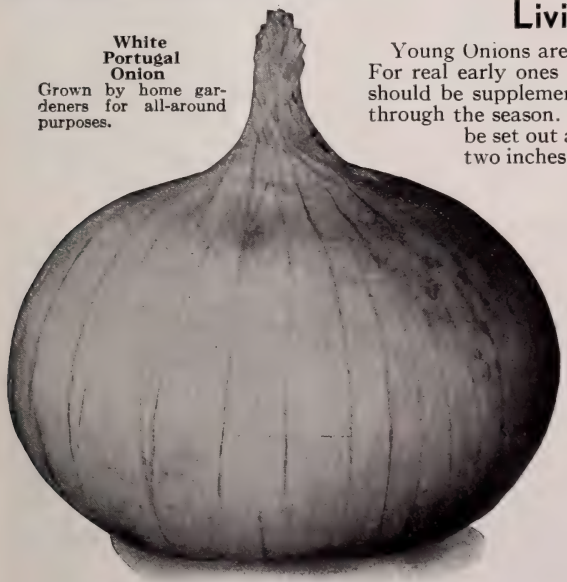
Indiana Silverskin. This is a fine strain of pure white Onion that produces round, hard Onion sets. Bulbs are flat. One of the best keeping white varieties. 95 days. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. $1.00; lb. $3.50.

WHITE WELSH. Does not form a bulb but is the best sort for bunching. To carry over winter for spring use, seed should be sown in furrows 4 inches deep and filled in as the plants develop. Pkt. 5 cts.; ½oz. 15 cts.; oz. 25 cts.; ¼lb. 80 cts.; lb. $2.75.

Watch for bugs and insects. Keep spraying at regular intervals. Prevention is better than cure.

A common cause of garden failure is lack of or improper soil preparation. Spade or plow deeply and pulverize top soil well.

Why not start an Herb garden? Any small corner will give a fine supply for seasoning. Dill, Sage, Sweet Marjoram, Summer Savory, mature in one year. Some others require two years. See page 55.



White Portugal Onion
Grown by home gardeners for all-around purposes.

Livingston's Choice Onion Sets

Young Onions are one of the most popular green vegetables in the garden. For real early ones you should set out some of our choice Onion Sets. This should be supplemented with onion seed for both green and bulb onions all through the season. All onions should be grown in rich friable soil. Sets can be set out as soon as the ground is warm and dry. Plant them about two inches apart and cover one inch.

A pound of sets is equal to about one quart. **Write for our lowest market price on larger quantities.**

WHITE ½lb. 20 cts.; lb. 35 cts. postpaid.
YELLOW or Brown. ½lb. 20 cts.; 1 lb. 30 cts. Ppd.

Hammond's Slug Shot

An old and proven insecticide and fungicide dust. Harmless to both vegetables and flowers but powerfully effective against eating insects and fungus. Combats Mexican Bean Beetles, Potato Bugs, Cabbage Worms, Slugs, Sow Bugs and all other chewing insects.

1 lb. Sifter Top Can 35c.
5 lbs. $1. 25 lbs. $4. Postpaid

KRO RAT and MOUSE EXTERMINATOR

A squill exterminator, not a poison. Will not kill live stock, dogs, cats or poultry. Can be used any place where these pests are harbored. Mix one part to sixteen parts of whatever bait you use.

PRICE 75c POSTPAID

Okra or Gumbo

Fine for Soups, Stews, Relishes, etc.

Culture—Very wholesome. The pods, when young, make fine soup and are also used in mixed vegetable soups. Plant seed after the ground is warm and dry, in drills 3 feet apart, covering ½ inch and thinning plants to 1 foot apart. Make early and late sowing to secure a supply throughout the season.

One ounce of seed will sow 40 feet of drill

Dwarf Long-Pod. Grows only 3 feet high and begins setting its deep green, long, tender pods very early, close to the ground, and very abundantly. Continues to bear late in the season. Adapted to small gardens. 45 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.

White Velvet. The large pods are perfectly round, smooth, an attractive velvety white, of superior flavor and tenderness. Plant dwarf, of compact branching growth and very prolific. 51 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.

Perkin's Mammoth. Very attractive dwarf plant. Produces beautiful, long, slender, deep green pods, which remain tender a long time. An extra-good variety. 60 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 55 cts.

White Velvet Okra

Parsnips

Culture—Sow seed in early spring in drills 15 inches apart and ½ inch deep in well dug rich soil. Keep crust from forming and cultivate often. Thin to stand 4 inches apart. Roots improve by being left in ground until next spring.

One ounce of seed to 200 feet of drill; 5 to 6 pounds to an acre

HOLLOW CROWN (Large Sugar). Roots are white, smooth and of excellent flavor. 12 to 15 inches long by 3 inches through at top with hollow crown. 100 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.

Parsley for Garnishing and Flavoring

Culture—As the seeds germinate very slowly, three to four weeks sometimes elapse before the plants make their appearance. Seed should be sown early in the spring in rows 1 foot apart, covering ½ inch. Thin to 4 inches apart. Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing. It makes an ornamental border in the flower-garden. Succeeds best in a rich, mellow soil. Take up a few plants in the fall and put into 6 or 7-inch pots. Keep well watered and they will produce an abundance of leaves all winter.

One ounce of seed will sow about 150 feet of drill

Champion Moss Curled Parsley

Champion Moss Curled. A vigorous compact sort, very fine for garnishing and flavoring. Owing to its uniformly deep green color and attractive foliage, it is one of the best for either market or home use. Densely crimped and curled. 70 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

Peerless. **New. Received Award of Merit, All-America Selections, 1934.** A very dark green, fine curled type, about 8 inches tall. Its important characteristics are hardiness and ability to hold its color into the winter. Good quality and uniformity. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Hamburg. **(ROOTED).** The fleshy roots of this variety resemble parsnips, and are used in soups and stews. The flesh is white and sometimes similar to celeriac (root celery). The roots may be dug and carried through the winter like turnips, etc. 100 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

FINE DOUBLE CURLED. A standard dwarf variety having deeply cut and curled leaves. 70 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

Pruning Shear No. 100

A new and improved Shear. Highly nickeled and polished, rust resistant, compact and durable. Alloy steel cutting blade, duro aluminum blade stop which protects knife edge, 10 inches long.

Price $1.50 Postpaid

Quality Pumpkins

Large Sweet Pumpkin
Fine for home garden use

Culture—Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner. Sow in the month of May, when you plant your corn. Make hills the same as you do for squashes, but about 8 to 10 feet apart each way. Place about 8 seeds in a hill, cover 1 inch, and thin to 3 to 4 vines. It is preferable to grow Pumpkins in the field, and not in the garden, as they mix with the squashes and other vines. You can sow some among the late corn, putting in a few seeds, say every third or fourth hill. This will give you plenty for the table, and your stock the coming winter.

One ounce of seed will plant 15 hills; 3 to 4 pounds will plant an acre

Large Sweet. **(Kentucky Field).** A large, round, flattened Pumpkin that is hardy and productive. It grows 1 to 2 feet in diameter and has thick orange flesh of extra-fine quality. A splendid sort for canning, and market use. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.

Small Sweet. **(Sugar).** This is the small, sweet Pumpkin that has made the New England States famous for their Pumpkin pies. The flesh is very fine grained, most deliciously sweet-flavored, and a splendid keeper. It averages about 10 inches in diameter and is of deep orange-yellow color. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

MAMMOTH POTIRON. A really enormous variety (specimens often grow 2 feet in diameter and sometimes **weigh 150 lbs.**) with depressed ends and slightly ribbed salmon-color skin; flesh bright yellow. Great exhibition sort. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

COMMON YELLOW FIELD. (Yankee Cow; Conn. Field). Cultivated chiefly by farmers for stock-feeding and used some for canning. Very productive. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.

Winter Luxury. Excellent for pies. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

Small Sweet or Sugar Pumpkin
Fine for making pies

Why Not Grow Some Peanuts?

Culture—Peanuts require rich, sandy soil. Plant 2 to 3 inches deep, with the hulls on, in rows about 3 feet apart, and about 10 inches apart in the rows. When ripe dig up the vines and hang up to dry.

IMPROVED LARGE VIRGINIA (Jumbo). It has the largest pods and more kernels with fewer imperfect pods than any other. Stands erect, easily cultivated. Vines make valuable forage for stock. Large pkt. 10 cts.; ¼lb. 15 cts.; lb. 35 cts.; 3 lbs. $1.00; 5 lbs. $1.50; 10 lbs. $2.75.

SWEET SPANISH. The earliest variety grown. Pods are small, well filled, and of fine quality. Large pkt. 10 cts.; ¼lb. 15 cts.; lb. 35 cts.; 3 lbs. $1.00; 5 lbs. $1.50; 10 lbs. $2.75.

Spanish Peanuts

Mrs. Mary I. Aldrich, Northampton County, Mass. writes: "*I wish to inform you that your Oxheart tomatoes excited the admiration of all my friends, all declaring they never had seen tomatoes of such wonderful flavor, such large size and so many on a vine in spite of a severe drought we had.*"

Mrs. Groom Myall, Clay County, Missouri, writes: "*I want to tell you how very much I enjoy, treasure and am sure benefited by information contained in your catalog. To me it surpasses catalogs issued by any other firm that I have ever seen.*"

Mrs. M. E. Buck, Lee County, Iowa, writes: "*I cannot say enough for your garden seed, they are wonderful. It seems as if every seed is good.*"

Livingston's Serial Picture Story — Continued from page 57.

These scenes are from Market Gardeners who are large users of Livingston's "True Blue" vegetable seeds.

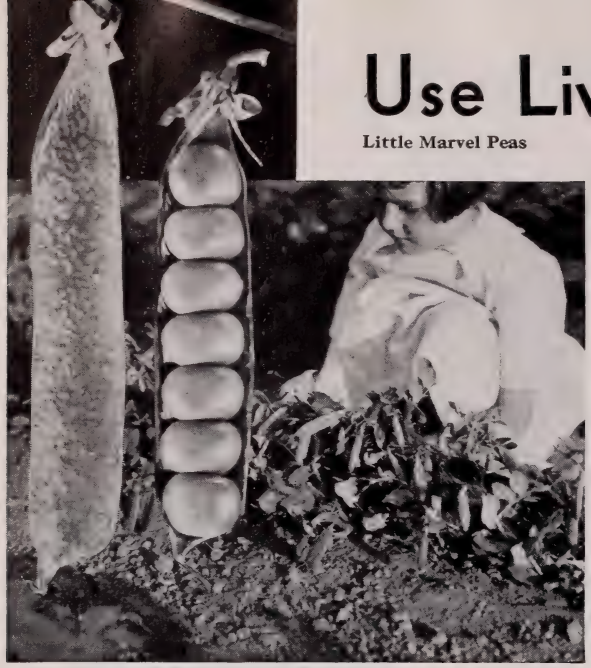
At the left is shown Livingston's Globe Tomato being grown in the greenhouses of Wright Bros. They are large growers of select hothouse vegetables.

Next we have a large field of Parsnips being harvested by Al Butcher, a large market gardener who has used Livingston's quality seeds for a long time.

In the third picture George Shirk and his son are shown in their field of Eggplant. They are specialists in growing this vegetable and have been large users of "True Blue" seeds for several years.

At the right Charles Fishel is harvesting a fine crop of Livingston's Colorite Cucumber.

Use Livingston's Seed For



Little Marvel Peas

We Pay Transportation on Peas. See Page 1-B

We cannot supply less than 5 lbs. of any one variety at the 5 lb. rate, neither can we supply 5 lbs. made up of two or more varieties at the 5 lb. rate.

Culture—Peas thrive best in a rich soil and moderate temperature. Smooth seeded varieties are extremely hardy and can be planted quite early about 2 to 3 inches deep. Wrinkled varieties are not so hardy but are of superior quality. They should be planted when the ground is warm and dry and if they are planted quite early they should be covered only 1 inch to prevent rotting in the ground.

For dwarf varieties make the rows 20 to 30 inches apart and for tall varieties make them 30 to 36 inches apart. The seed should be placed 1 to 2 inches apart in the row. In the home garden, double rows, 6 inches apart, with brush or trellis between is ideal for conservation of space. Cultivate often and gather the crop as rapidly as it is fit for use. Successive sowings will provide food over a longer period.

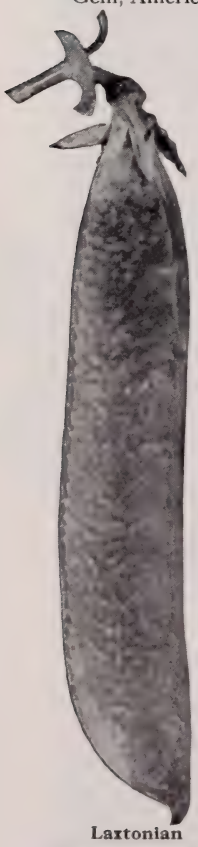
Two pounds sow 100 feet of row; 75 to 100 lbs. an acre; 2 pounds equal 1 quart, 15 pounds 1 peck, 56 pounds 1 bu.

Early Dwarf Wrinkled Varieties

Little Marvel. This Pea has been rightly named. It is an early wrinkled sort, grows about 12 to 15 inches tall, and bears heavily. There is no earlier wrinkled Pea and the quality satisfies everybody. Adapted to home-gardens. Pods medium dark green, 3 inches long, round with square end, and often contain seven rich, dark green Peas. Little Marvel outsells Premium Gem, American Wonder, and Nott's Excelsior. Looks like it's the best in its class. 63 days. Large Pkt. 10 cts.; ½ lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.35; 10 lbs. $2.40; 25 lbs. $5.50.

Laxton's Progress. The earliest of the large-podded dwarf varieties. Fully as large as Laxtonian and at least 4 days earlier. Pods are a deep green in color, pointed, and contain eight large dark green peas of delicious, sweet flavor. Vines grow 15 to 18 inches high and are very productive. 64 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lb. $1.30; 10 lbs. $2.30; 25 lbs. $5.25.

PREMIUM GEM. Pods are 3 inches long, light green, round, with blunt end, having an average of six light green Peas of good quality. Vines 18 inches. 65 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.



Laxtonian

Laxtonian. This is a 3¾ to 4 inch giant-podded, early dwarf Pea having large, dark green pods and Peas, of finest quality. Vines 22 inches high. 67 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.25; 10 lbs. $2.20; 25 lbs. $5.00.

Blue Bantam. Grows 15 inches high with fine, dark foliage, blue-green pods, and Peas. Pods 4 inches long with eight Peas of fine quality. 65 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.25; 10 lbs. $2.20; 25 lbs. $5.00.

Nott's Excelsior. Extra-early, dwarf, wrinkled Pea. Foliage medium green and rather heavy. 12 to 15 inches high. Pods 3 inches long, filled with large sweet Peas, and all are ready to pick at once. A great yielder. 59 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.

AMERICAN WONDER. Early and productive; grows about 10 inches high; pods about 2½ inches long containing fine-flavored peas. 60 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.

Early Tall Smooth Varieties

Livingston's Prolific Early Market. Compares with "First-in-Market." Pods are longer and contain more peas which are very sweet and fine flavored. Vines 30 inches high and very productive. 58 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

Livingston's First-in-Market. A productive variety, ripening uniformly. Pods are handsome, straight, 3 inches long and full of medium-sized round peas. Vines 24 to 30 inches high. 58 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

EXTRA-EARLY ALASKA. A good canning variety. Blue-green smooth Peas which retain their color when over-ripe and after cooking. Matures early. 5 to 6 Peas to a pod. 57 days. Large Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 5 lbs. $1.10; 10 lbs. $1.90; 25 lbs. $4.25.

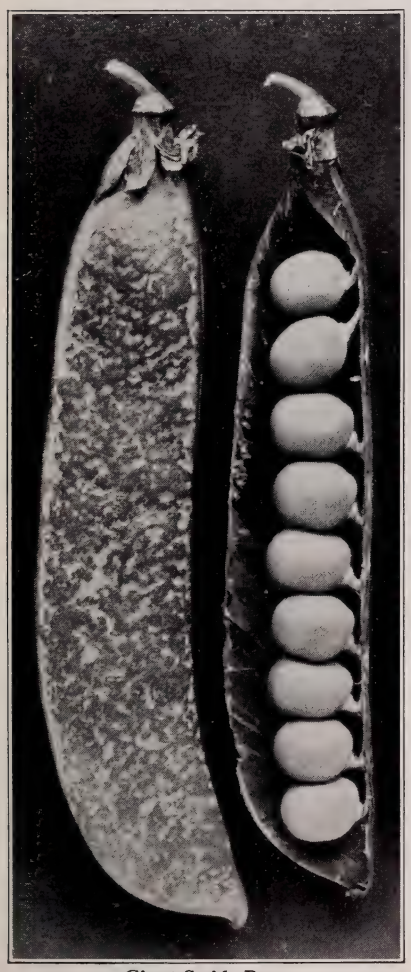
Laxton's Progress

Sweet and Tender Garden Peas

Early Tall Wrinkled Varieties

Thomas Laxton. The vine grows about 3 feet high. Pods large, 4 inches long, with square ends, uniformly well filled. Yields more shelled Peas than Gradus. The green Peas are very large, fine colored and unsurpassed in quality. 62 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.30; 10 lbs. $2.30; 25 lbs. $5.25.

Gradus or PROSPERITY. This extra-fine variety combines earliness with large size. In earliness, the Gradus follows closely after the first earliest. In height, it grows about 3 feet. The pods are long, straight and handsome. Peas of superb quality. It produces pods measuring 4 to 4½ inches in length, well filled with large, handsome Peas. 65 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.25; 10 lbs. $2.20; 25 lbs. $5.00.



Giant Stride Peas

World's Record. This is an early strain of Gradus above. It is not so tall, being about 2 feet, but is more productive and of fine quality. Pods and vines are medium green in color. Pods are 3½ to 4 inches long, fairly broad, pointed and well filled with from 7 to 9 large, dark green peas. 60 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.30; 10 lbs. $2.30; 25 lbs. $5.25.

Main Crop Tall Wrinkled

Alderman. **(Dark-podded Telephone.)** A late wrinkled variety growing about 4 feet high and bearing freely large pods of Peas of a dark green color, and on this account considered by many superior to Telephone. Quality extra fine. 72 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.

TELEPHONE. Vine large, with coarse leaves; height about 4 feet. The large light green pods are filled with large Peas, tender, sweet, and of fine quality. 72 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.

Main Crop Dwarf Wrinkled

Giant Stride. The earliest giant podded dwarf variety. Vines about 2 feet tall. Pods average 5 inches long and have 8 to 9 large peas. Both pods and peas are dark green in color, of high quality and very productive. 80 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 45 cts.; 5 lbs. $1.45; 10 lbs. $2.60; 25 lbs. $6.00.

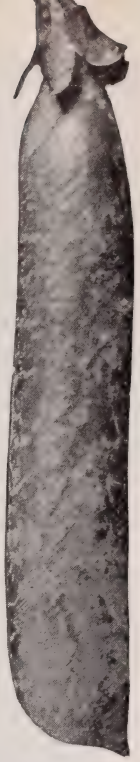
IMPROVED STRATAGEM. Strong, vigorous vines having large pods, 5 inches in length, containing eight to ten large, rich Peas. 83 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.

Potlatch. A late variety of great value, growing 24 inches high, with very large pods, measuring up to 6 inches in length. Vines and pods are a rich, dark green, and pods contain eight or nine immense Peas. The plant is a vigorous grower and the pods are borne in pairs. It is a great producer and the quantity of Peas which shell out is surprising. 83 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.20; 10 lbs. $2.10; 25 lbs. $4.75.

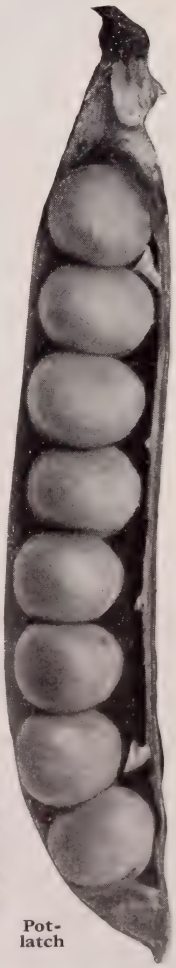
A Good Edible Pod Pea

MAMMOTH MELTING SUGAR. Large, fleshy pods of fine quality; can be cooked the same as beans. Vines 3 to 4 feet. 84 days. Large Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 5 lbs. $1.35; 10 lbs. $2.40.

ASK FOR PRICES OF PEAS IN LARGER QUANTITIES



Thomas Laxton



Pot-latch

LIVINGSTON'S COLLECTION OF THE BEST THREE PEAS FOR THE HOME GARDEN

Contains an early, medium and late variety. All superior, sweet, tender and delicious. Will supply you with a succession of Peas over a long period.

NOTT'S EXCELSIOR.
TELEPHONE.
GRADUS.

One packet of each, 25 cts.
½lb. of each, 65 cts.
1 lb. of each, $1.00

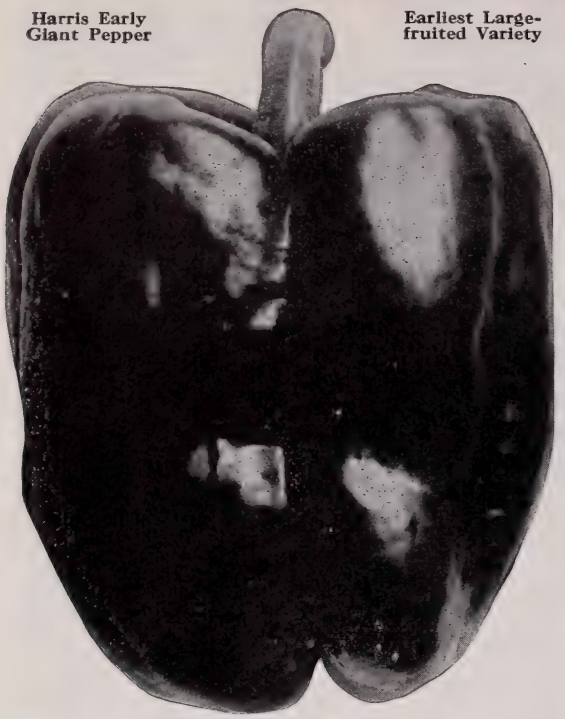
INOCULATE THIS SEED WITH NOD-O-GEN

You can have better Peas this season by using this culture. Insures a catch, hastens maturity, increases the crop, and enriches the soil. Peas need nitrogen. Nod-o-gen Inoculator will supply it.

HOME GARDEN SIZE For Peas and Beans 15 cts. Ppd.
See page 40 for other sizes.

For Economy Grow Your Own Pepper

Harris Early Giant Pepper — Earliest Large-fruited Variety



California Wonder Pepper

Culture—Peppers should be started in a hotbed or coldframe and transplanted about the end of May into a sunny corner of the garden, in rows about 2 feet apart, with the plants about the same distance between them in the rows. They can be sown ½ inch deep in open ground in a seed-bed when all danger from frost has passed and the weather has become settled and the soil warm. When the little plants are about 3 inches in height, transplant as above into the rows where they are to remain. Some very rich fertilizer, stirred into the soil when the plants are about 6 inches high, will be beneficial. Maturities given are from transplanting dates.

One ounce of seed will produce about 1,500 plants
5 to 6 ounces to an acre

Harris Early Giant. **Earliest of all large-fruited sorts.** The plants are of vigorous growth and covered with enormous Peppers about 4 inches long and 3 inches through. The Peppers are deep green, turning to brilliant red, with thick flesh, of sweet, pleasant flavor. Fruits begin setting when the plants are quite small. Illustrated above. 52 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.45; lb. $4.25.

Oshkosh. Glossy green when growing, and many are used at this time. Bright canary yellow when ripe. Large, smooth, slightly ribbed, heart-shaped fruits. Prolific. 60 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

Chinese Giant. It is of mammoth size, splendid shape, 4 to 5 inches broad and of equal length, beautiful, rich, glossy, bright red flesh, and mild flavor. Strong, bushy plants. 63 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

RUBY GIANT. A variety somewhat similar to Ruby King, but the fruits are larger and a little broader at the blossom end. The flesh is very thick, firm, and mild. 52 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

California Wonder. A very striking new sort of large size and having wonderfully thick flesh—often ¼ to ⅜ inch thick which is deliciously crisp, tender, and sweet, like the finest pimentoes. In color it is a brilliant dark green, changing to crimson when ripe, and is of uniform shape and smoothness. (See illustration above) Should be grown on heavy soil for best results. 65 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 35 cts.; oz. 55 cts.; ¼lb. $1.70; lb. $5.50.

Livingston's Ohio Crimson. **The sweetest and biggest Mango Pepper.** Introduced by us in 1906. Robust, stocky, and a sure cropper. The fruit is extra large and heavy, owing to thick flesh. It is very mild. Splendid for making mangoes. 65 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

Livingston's Extra-Early Red Prolific. This variety is very early, bright red, and exceedingly prolific. A very sure cropper on all kinds of soil. The fruits average 3 inches in length by 2½ inches in diameter. 45 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Livingston's Prolific Yellow. **Very early, very productive, very mild. Introduced by us in 1914.** Quite similar to our Extra-Early Red Prolific except in color. Immensely productive of bright yellow fruits of the most convenient size for stuffing. 48 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

World Beater. The shape is like Ruby King and the size almost equal to Chinese Giant but not so broad. A vigorous grower, sure cropper, and very prolific. The fruit is a beautiful scarlet, exceedingly mild; flesh thick and firm, making this variety an excellent shipper. Rapidly growing in favor, especially in the South. 50 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

See Vegetable Novelties, pages 6 to 9

Plants Livingston's Pepper Seeds Show High Germination and Come True-to-Name

Mammoth Ruby King Pepper

Long Red Cayenne

Livingston's Improved Thick Long Red Pepper

Mammoth Ruby King. Splendid size and handsome appearance. The plants are vigorous, very bushy, growing about 2 feet in height, well branched, thickly set with large fruits, some 5 to 6 inches long by about 3 inches thick. 59 days. Pkt. 5 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $3.00.

LARGE BELL or BULLNOSE. A good early variety and of mild flavor. It is of medium size with skin fairly thick and fleshy. 50 days. Pkt. 5 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00; lb. $3.00.

Sunnybrook. The Sunnybrook is larger and an improvement on the older type of the tomato-shaped Pimento. It comes into bearing early, is very productive, has very thick, sweet flesh, and is a brilliant red. The best of this type. 53 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

TOMATO-SHAPED. This thick-meated Pepper has a very mild-flavored brilliant red flesh. Comes early and is productive. Smaller than Sunnybrook. 56 days. Pkt. 5 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.10.

MIXED MANGOES. A choice mixture containing a large number of the best sweet varieties suitable for stuffing and mangoes. Pkt. 5 cts.; ¼oz. 15 cts.; ½oz. 25 cts.

First-Grade Stocks of Highest Quality

The Critical Market Gardener demands the highest quality. They like "True Blue" Seed. You buy this same quality for your own garden. There is only one grade of "True Blue" Seed. Buy these seeds with that extra vitality which makes your gardening success outstanding in your neighborhood.

Hot Varieties

Livingston's Improved Thick Long Red. Introduced by us in 1889. Bright red pods about 4 inches long; thicker than the ordinary Red Cayenne. Flesh thick and very hot. Very prolific and quite early. 50 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Hungarian Long Slim. A waxy canary yellow in color turning to crimson at maturity. 5 to 6 inches long, rather slender, tapering to a somewhat twisted point. Very prolific and pungent. Illustrated on page 7. 53 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 35 cts.; oz. 55 cts.; ¼lb. $1.70; lb. $5.50.

SMALL CAYENNE (Red Chili). The pods are 1½ inches long; very hot. Used for making pepper sauce. 50 days. Pkt. 10 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35.

LONG RED CAYENNE. Three to 4 inches long, quite narrow and hot. 50 days. Pkt. 5 cts.; ¼oz. 15 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15.

"RED HOT" MIXTURE. Includes a number of small, ornamental sorts which are as "hot as fire." Pkt. 5 cts.

Rhubarb or Pie Plant

Culture—Requires a deeply cultivated and thoroughly manured soil. Sow the seed 1 inch deep early in the spring, in rows 1 foot apart. The second autumn after planting, plants can be replanted 2 feet apart to the permanent place in the garden allotted to them.

One ounce of seed will produce 500 plants.

VICTORIA. Most generally used variety. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.35.

You Can Have Crisp

Early Scarlet Globe Radish

Cultures—All varieties thrive best in light, sandy loam. For early use, sow in the hotbed in February, giving plenty of ventilation, or outside in the garden, in drills 1 foot apart as soon as the soil is warm and dry. Cover seed ½ inch deep. Sow every two weeks from March until September for a succession of crisp Radishes for table use. Radishes must grow rapidly to be crisp, mild-flavored, and tender. We offer a very fine assortment.

One ounce of seed will sow 100 feet of drill; 8 to 10 pounds will plant an acre.

Round and Oval Varieties

Glowing Ball. **Gold Medal Winner, All-America Selections, 1934.** A round, short top variety with bright scarlet-red skin with almost an orange glow; an appetizing color. Has smooth, silky skin and very small tap-root. About 1 inch in diameter. Highly recommended for both greenhouse forcing and outside planting. Illustrated on novelty page 6. 25 days. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. $1.00.

Cooper's Sparkler. **(SCARLET TURNIP WHITE-TIP.)** A splendid, crisp variety of the Scarlet Turnip White-tipped type, but showing more white, while the upper half is a bright scarlet. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.

Crimson Giant. Larger than other early varieties, but does not become pithy, even when fully twice as large in diameter and a week older. Has replaced Early Scarlet Turnip. Crimson-carmine; turnip-shaped. 27 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.

Livingston's Selwel. An increasing demand on some markets for a Radish with a larger portion of white than in Cooper's Sparkler has prompted us to offer Selwel. The upper half of the bulb is a pleasing scarlet while the lower portion is pure white. It is almost round, is one of the first ready for use, and on account of its very attractive appearance should at once become popular. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 90 cts.

Rosy Gem. One of the earliest. It is perfectly globular, rich brilliant scarlet at top, blending into pure white at bottom, tender and crisp. The greenhouse strain of Cooper's Sparkler. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

Early Scarlet Globe. Most popular of all globe-shaped early Radishes. Used more than any other variety by market gardeners for both forcing and open ground. A splendid round or globe-shaped sort with bright red skin and pure white flesh which is crisp, tender and of delicious flavor. We take much pride in the quality of our stock. Illustrated in color on inside back cover. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.; 5 lbs. $3.75.

F. A. Winckler, Jackson County, Missouri, writes: *"Service and quality seeds, grew a wonderful garden with an abundance of vegetables."*

Saxa. This variety is of a beautiful scarlet color, round as a marble, crisp and juicy. Very small top and tap-root. It comes so quick that it has been placed on the dining-table in three weeks from the time of sowing seed. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

Fireball. **(NON PLUS ULTRA).** A pretty little round Radish, deep, rich scarlet in color, with very small tops and crisp, tender, white flesh. A little earlier than Scarlet Globe, but not quite so large. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.

EARLY SNOWBALL. One of the quickest growing Radishes besides being one of the prettiest round varieties in the whole list; white as snow, smooth, crisp, and extremely tender. 30 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.

MODEL WHITE BOX. A short-topped Radish of rapid growth, perfect turnip shape, and extra-fine quality. 28 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.

GOLDEN GLOBE. Most perfect globe-shaped; golden colored skin; white flesh, tender, brittle; withstands heat. 31 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

EARLY SCARLET TURNIP. Quite early, small, round Radish with rich dark scarlet skin. 27 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.

Mr. William Otto, Westchester County, New York, writes: *"All the seeds I purchased from you are coming fine and the carrots on which you had an extra non-germinating label came up better than ever. But I believe it was very nice to mention the fact of the seeds being poor. This shows that your selling policy is on the level and places more confidence in your goods by the purchaser."*

Saxa Radish

Radishes From Spring To Fall

Long Varieties

Cincinnati Market. This superb Radish originated in southern Ohio. **We introduced it to our trade in the spring of 1895. It has become so deservedly popular that we have had to grow it in large quantities to supply the demand.** It is an improvement of Long Scarlet Short-Top. The tops are so small that the Radishes may stand very close in the rows. It grows straight and smooth, 6 to 7 inches in length. The skin is a beautiful scarlet, very thin; flesh crisp, brittle, and of delightful flavor. 32 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.; 5 lbs. $3.25.

Lady Finger or **LONG WHITE VIENNA.** Beautiful shape, with skin and flesh pure white, very crisp and tender. Rapid grower and long standing. Later than Long White Icicle. 36 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

Livingston's Pearl. A beautiful, pearly white, half stump-rooted variety of exceptional merit. It is a very crisp and after having reached its best condition, it remains in good shape for two weeks or more before becoming woody or showing signs of going to seed. We can heartily recommend this variety to home-gardeners. 29 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.; 5 lbs. $4.00.

Cincinnati Market Radish

Long White Icicle. One of the very best white radishes for either home or market growing. Has a delightful flavor; is very crisp and tender. Grows 4 to 5 inches long; straight, slightly stump-rooted and of transparent whiteness. Will stand a long time without becoming woody. We would suggest growing Icicle as a companion to Early Scarlet Globe round radish for combination servings. (See colored illustration, inside back cover.) 29 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.; 5 lbs. $3.75.

IMPROVED CHARTIER. A clear rose-colored, long Radish, shading into pure waxy white at the tips; attains large size; grows fast. 35 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.

WHITE DELICIOUS. Of distinct half-long form, tapering to a point. They grow to good size, are of handsome appearance, and the pure white flesh is crisp, solid, and of mild flavor. A good summer variety. 30 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 80 cts.

GIANT WHITE STUTTGART. A large, top-shaped sort with flesh and skin white, firm and brittle. Can be stored for winter the same as turnips. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

FRENCH BREAKFAST. Oval, scarlet sort, tipped with white; mild and tender. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.

WHITE STRASBURG. Handsome, oblong tapered Radish with pure white skin and flesh, firm, brittle, and crisp. Excellent for summer use as it withstands heat. 41 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

Our All-Season Mixture

Contains all shades and shapes—red, white, pink, variegated; round, half-long and long—in great variety. Just fine for small gardens, where space is limited, and where you want to make a garden and be done with it. One sowing does for the whole season. Large pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.

Best Winter Radishes

White Chinese Winter or **NEW CELESTIAL.** Large Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition a long time; mild in flavor; brittle and never woody. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

CHINESE ROSE WINTER. A very handsome and distinct bright rose variety, crisp and tender; cylindrical in shape, very smooth. Keeps through autumn and winter. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

LONG BLACK SPANISH WINTER. Grows 7 to 8 inches long. Diameter about 1¼ inches. Skin black; flesh white and firm. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

ROUND BLACK SPANISH WINTER. Similar to Long Black Spanish, except in shape. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

Long Icicle White Radish

White Strasburg

See the inside back cover page for
"OUR GREAT DOLLAR COLLECTION OF 'TRUE BLUE' VEGETABLE SEEDS"

Bloomsdale Savoy Reselected Spinach

King of Denmark. **The New Evergreen Spinach.** It is fit for use in thirty days from time of sowing, and remains in good condition fully two weeks after other varieties have started seed-stalks. It has a beautiful crumpled, dark green, thick leaf of fine quality. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Juliana. Best second-early variety. Same type as Victoria, but very slow to run to seed. Dark green crumpled leaves, rounded and thick, and short leaf-stems. Our seed is from the originator. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Culture—Will succeed in any ordinary garden soil and can be grown as a spring or summer crop. Sow in rows 12 to 18 inches apart, cover seed 1 inch deep and thin to 2 to 3 inches apart. For spring crop, sow in August or September and cover lightly with straw or other litter at approach of cold weather.

One ounce of seed will sow 50 feet of drill; 12 to 15 pounds will plant an acre

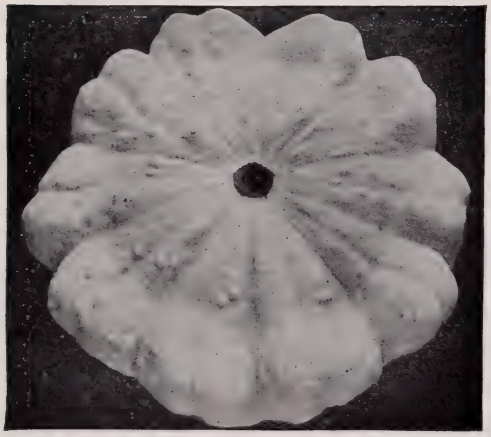
Bloomsdale Savoy Reselected. A new selection from Bloomsdale Long-Standing (below) which has the completely crumpled and blistered leaves and long standing qualities, but in which the male plants have been eliminated, preventing it shooting to seed so early. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Bloomsdale Savoy Long-Standing. A new strain of merit. It is just as early as the old-type Bloomsdale, but stands in marketable condition ten to fourteen days longer. Intensely crumpled, blistered, uniform, deep glossy green leaves. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Virginia Blight-Resistant Savoy. Fine for fall planting, about August 15, but tends to go to seed when grown as spring crop. Type, same as Bloomsdale but darker. Valuable where blight is prevalent. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

OLD DOMINION. The same as Virginia Blight-resistant in type and quality. Will eventually take the place of it because of its long standing qualities which permits early spring planting. Illustrated on page 9. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Squash for Summer



White Bush Scallop Squash

Italian Summer Squash

ZUCCHINI. A delicious light colored Italian variety. Should be used when about 5 to 6 inches long. Quarter lengthwise and serve same as Asparagus. 55 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

COCOZELLE. An Italian summer variety of bush habit. The fruits are oblong, 12 to 16 inches in length and 5 inches in diameter, slightly ribbed; color marbled yellow and dark green stripes. 60 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Livingston's Squash Mixture

One sowing will produce Squashes for the season.

Large pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.

Culture.—Plant after weather has become fully settled and the ground is warm and dry, in hills 5 to 6 feet apart for bush varieties, and 6 to 8 feet apart for running varieties. Hills should be thoroughly manured. Slightly elevate the hills and place seven or eight seeds in each, finally leaving but three plants. Press the seeds down firmly before covering, and cover early planted ones 1 inch deep, and late ones 1½ inches.

One ounce of seed makes 40 hills, 3 to 4 pounds to an acre

Summer Varieties

Early White Bush. **(Patty-Pan).** Flat shaped fruits; 6 to 8 inches in diameter; ready for use very early. Should be eaten when young and tender. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

Giant Golden Summer Crookneck. **The largest and best of all Summer Crookneck Squashes.** It is of dwarf, bushy habit and very productive, bearing early and all summer. The fruits are rich golden yellow, thickly warted. 58 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

GIANT GOLDEN STRAIGHTNECK. Same as above except in shape. 58 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

FORDHOOK. Fruits of convenient small size for family use with thick, dry, sweet flesh, thin skin, and small seed cavity. Matures early; immensely productive. Used as a summer sort or stored for winter. 60 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.10.

MAMMOTH WHITE BUSH SCALLOP. Excellent large strain, 10 to 12 inches in diameter, and creamy white. Nearly as early as Patty-Pan. 60 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

MAMMOTH YELLOW BUSH SCALLOP (Golden Custard). Deep orange in color, 8 to 10 inches in diameter. For early summer use. 60 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $.110.

Select Spinach

New Zealand. A distinct type. The plants grow in branching form, with thick, succulent leaves. After leaves and stems are cut the plant starts new growth again. Thrives during hot weather and in any soil. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

IMPROVED THICK LEAF (Viroflay). Good for fall or spring sowing. Has heavy, broad, dark green, curled leaves of fine quality. Inclined to shoot to seed early. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 35 cts.

PRICKLY-SEEDED WINTER. Triangular, oblong, or arrow-shaped leaves. Seed prickly. Hardiest of all, therefore best for fall sowing where winters are severe. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 35 cts.

Nobel. (**Big Crop**). This is, no doubt, the best of the so-called "smooth-leaved" sorts. It produces a large mass of rather smooth, very thick, rounded leaves of enormous size, and although it is a very quick grower, it stands very long before bolting. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Special "Greens" Collection

TURNIP, Shogoin — **SWISS CHARD, Lucullus**
MUSTARD, Giant Curled — **SPINACH, Juliana**
1 pkt. Ea. (Value 20c) 15c

Sunflower

MAMMOTH RUSSIAN. Gigantic growth; heavy foliage which is sometimes mixed with corn as ensilage; large flower heads filled with seed. Use 10 to 12 pounds of seed to the acre. Pkt. 5 cts.; ¼lb. 15 cts.; lb. 25 cts.; 5 lbs. 75 cts.

Swiss Chard or Spinach Beet

A peculiar variety of Beet, of which the leaves only are used as "greens" when young, and are equally delicious when allowed to mature. The broad, white leaf-stalks or midribs can be cooked and served like asparagus. Produces from July until fall. Desirable for greens in summer when spinach cannot be grown.

Fordhook Giant. Leaves broad, upright in growth, very dark green, savoyed, with broad white midrib. This variety, on account of its giant size and pleasing deep green color, will probably supersede other sorts. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 90 cts.

Lucullus. An improved variety yielding an enormous crop of delicious "greens." The plants grow 2 feet tall and consist of about a dozen creamy white, beautifully curled leaves. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.

Noble or Big Crop Spinach

Fall and Winter Growing

Fall and Winter Varieties

Acorn. (**Table Queen.**) Averages about 6 inches long by 4 inches wide, just right to serve one-half to a person. Color is a dark green, except when over-ripe, when it changes to buff; flesh is orange color and fine-grained. 75 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Livingston's Improved Cushaw. Crookneck sort, mottled green and white striped. Flesh yellow, solid, fine-grained and very sweet. 75 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Blue Hubbard. Large variety having a hard blue-gray shell. Long-keeping; good quality. 95 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

Blue Hubbard Squash

Chicago Warted Hubbard. Large size; dark green color, distinguished by a dense covering of knots indicating splendid quality; thick yellow flesh. Long keeper. 100 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

LIVINGSTON'S PIE. Size, 8 to 10 inches in diameter; skin colored similar to the Golden Russet Apple; flesh yellow, thick and very sweet. 90 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

GOLDEN or RED HUBBARD. Skin bright, rich orange-red; shell hard and warty; flesh deep golden yellow, fine-grained, of splendid flavor, cooks dry. 100 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

HUBBARD. Color bluish green. Flesh rich orange-yellow, fine-grained, sweet; will keep until spring. 100 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. $1.50.

BOSTON MARROW. 90 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

GREGORY'S DELICIOUS. 80 days. Pkt. 5 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Salsify or Oyster Plant

Culture—Good substitute for oysters. Sow early, in rows 1½ feet apart, and cover firmly 1 inch deep; thin to 3 inches apart in the rows. Will stand winter weather.
One oz. will sow 50 feet of drill; 8 lbs. will plant an acre.

Mammoth Sandwich Island. Mammoth size and very uniform. Mild and delicious in flavor. 140 days. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.00.

Alexander W. Livingston
Tomato Pioneer and Founder of Our Company

Mr. Alexander W. Livingston, pioneer of the modern tomato and founder of our Company, introduced the first modern tomato, his "Paragon," in 1870. This was the beginning of Livingston's supremacy in Tomatoes and the now world wide demand for this luscious vegetable.

Livingston's Special Collection of Tomatoes

These are our own introductions and you will find no better for all around Home Garden purposes.

LIVINGSTON'S GLOBE, Pink
LIVINGSTON'S STONE, Red
LIVINGSTON'S GOLD BALL,
Fine for Preserving
1 Packet of Each (Value 30 cts.) **20 cts.**

Use Livingston's High

Tomato Culture

In this locality, for very early fruit, the seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and ½ inch deep. Later sowings may be made until the last of April. You can approximate your sowing date from this according to your location. (Sufficient plants for a small garden can be started by sowing a few seeds in a shallow box or flowerpot and placing in a sunny window in the house.) When the young plants are about 2 inches high, they should be set 4 to 5 inches apart in another hotbed or coldframe, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden them for planting out. Water freely at the time of transplanting in the open ground and shelter from the sun a few days until the plants are thoroughly established. Cultivate as long as the vines will permit, but the last two or three workings of the soil should be very shallow. The use of fertilizer, high in potash, makes tomatoes more solid and tends to keep them from cracking.

Tomatoes grow splendidly trained to stakes or trellises. The fruits are of better quality and appearance and ripen earlier. This method is common with market gardeners and is practiced by private gardeners where neatness and conservation of space is desired. The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with wool or other strong, soft twine, and pruning quite freely as the vine advances in growth. By this method plants may be set much closer than in the ordinary way. Ask for Tomato Booklet giving more detailed instructions. **About 2,000 plants will be produced from one ounce of seed. 4 ounces will plant an acre. Maturities given are from the time plants are placed in the garden to first ripe fruits.**

Livingston's Giant Oxheart Tomatoes

The Big Tomato Everybody is Talking About

Truly the giant of them all. Different from any Tomato you have ever grown in shape, size or in flavor. Three pound specimens are quite common; one customer sent us a single fruit that weighed five pounds. Very popular with both market and home gardeners. Deserves a place in every garden this season.

Livingston's Giant Oxheart Tomato

Livingston's Giant Oxheart

Introduced by us in 1925 (Oxheart Type).

This attractive pink skinned variety was the original introduction. It is exceedingly smooth and tender and almost seedless; frequently showing 2 inches thick without a seed cavity. It has that delicious mild flavor that every lover of this fruit likes so well. Its attractive shape, large size and excellent table qualities has brought it into deserved popularity with all who have grown it. Rich soil adds greatly to its productiveness. Late variety. 87 days. **Selected seed, grown by us.** Pkt. 10 cts.; ¼oz. 30 cts.; ½oz. 55 cts.; oz. 85 cts.; ¼lb. $2.50.

Livingston's New Yellow Oxheart

Introduced by us in 1929 (Oxheart Type).

A new variety of our Oxheart-type Tomato. All our customers who are familiar with Livingston's Oxheart, and who did not try this new yellow one last season, should give it a trial this year. It is of the same shape as the original, but the skin and flesh are a rich shade of yellow. A platter of slices of the Yellow Oxheart, mixed with slices of the original Pink Oxheart, makes an appetizing dish. Try it. Illustrated in color on inside back cover. 85 days. Pkt. 15 cts.; ¼oz. 40 cts.; ½oz. 60 cts.; oz. $1.00; ¼lb. $3.00.

Warm Springs Fruit Company, Meriwether County, Georgia: "*Won first prize at Chattahochee Valley Fair with a 3¾ pound specimen of Oxheart and that is going some for Georgia tomatoes.*"

Mr. Edw. E. Lee, Lane County, Kansas, "*Have had the best of success with your tomato seed in a location where gardening is very difficult*"

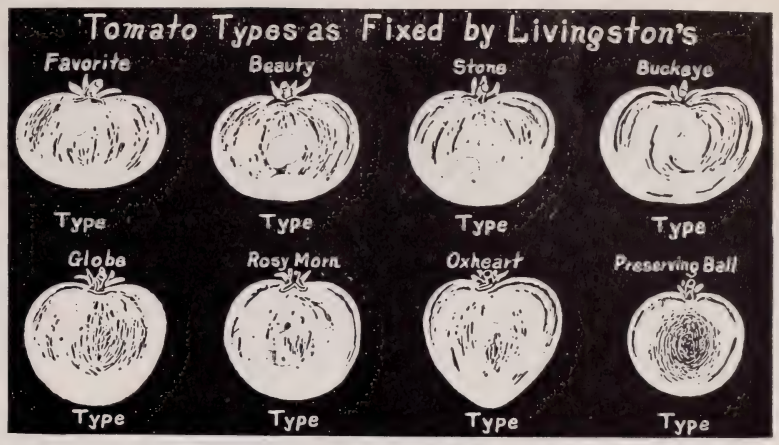
Quality Tomatoes

Grown By Critical Gardeners Known All Over The World

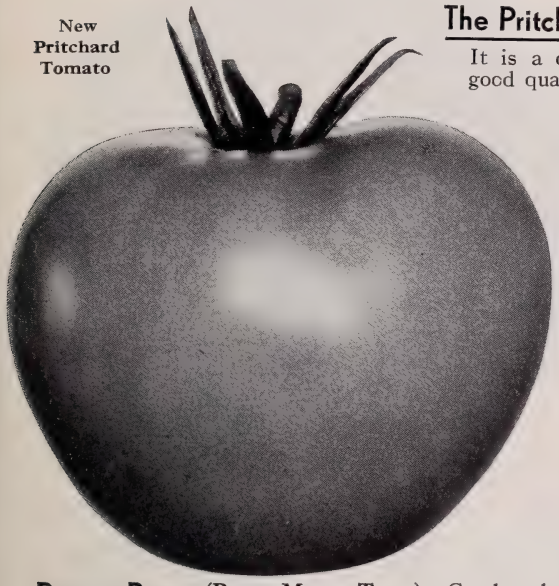
Souring Method is Used in Harvesting Our Tomato Seed

Tomato Types

The Livingston Seed Co. introduced the first modern tomato "The Paragon" in 1870. Since that time more than 30 other varieties have been developed and introduced by us. This supremacy in Tomatoes has enabled us to rather definitely fix and define types. Practically every tomato in cultivation today comes under one of the types as illustrated here. To better assist you in determining tomato shapes, we are designating under each variety offered, which type it is.



Livingston's Red Tomatoes



New Pritchard Tomato

The Pritchard. **(Wilt-resistant). (Globe Type).** A new variety of merit, developed by the late Dr. Fred J. Pritchard, It is a cross between Marglobe and Cooper's Special; inherits the good qualities of the well known Marglobe and its self-topping characterstics from Cooper's. Fruits are of medium size, solid and, slightly globular. The color is scarlet with dark red interior a feature that should make it a popular canning variety. Vines are short and branching with fruit clusters of about 5 each. Good rich soil adds to its productiveness. 60 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

Greater Baltimore. **(Favorite Type).** A heavy, firm, thick meated, midseason. red variety. Ripens evenly; free from cracks and ridges. Canning sort. 63 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.10; lb. $3.25.

Livingston's Paragon. **(Stone Type).** *Introduced by us in* 1870. The first perfectly smooth, deep red Tomato offered by us. A heavy yielder, ripening medium early. The fruits are of large size. Flesh is solid, of superior quality and bright rich red. 65 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

Bonny Best. **(Rosy Morn Type).** Good red for greenhouses. Is of medium size, bright scarlet, always smooth, and of uniform size and shape. A splendid sort to follow Earliana in the open field. 57 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

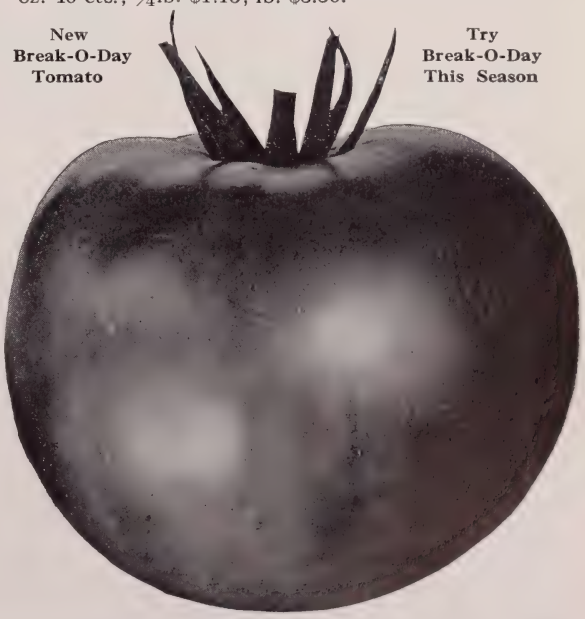
JOHN BAER. **(Rosy Morn Type).** Extra-early red. Fruits are large, nearly round, smooth and of good quality. Quite productive. 60 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

BURBANK. **(Favorite Type).** Very early red. Similar to Earliana in size and shape but smoother. Quite productive. 55 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

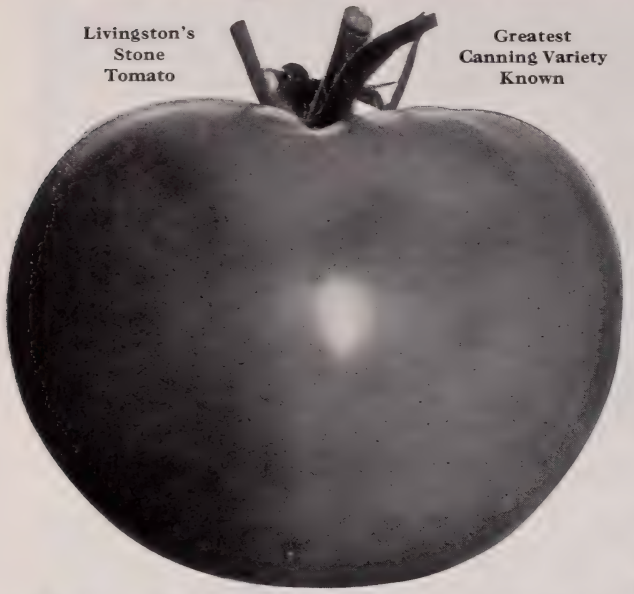
Break-O-Day. **(Globe Type). New Wilt-resistant Variety.** The new Pritchard hybrid developed from Marglobe and Marvana, having their disease resistant qualities. Resembles Marglobe in shape and size, but not so productive. Has vines of open habit like Marvana. Matures early, being next to Earliana in this respect. Fruits are solid, meaty and have a beautiful scarlet color. Will become quite popular with home-gardeners. 58 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.45; lb. $4.25.

New Break-O-Day Tomato

Try Break-O-Day This Season



Livingston's Red Tomatoes—Continued



Livingston's Stone Tomato

Greatest Canning Variety Known

Norton. (Stone Type). A Wilt-resistant Stone. Similar in growth, color, and season. Valuable for the South, or in wilt sections. 76 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

Livingston's Dwarf Stone. (Stone Type). *Introduced by us in* 1902. Fruits are nearly as large as Stone but plants are more dwarf, permitting close planting (1½ to 2 ft. apart) Productive. 65 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Earliana. (Favorite Type). The plants are compact in growth, with short, close-jointed branches, setting fruits very early. With our strain of Earliana the fruits are bright red, of uniform medium size, fleshy, solid and smooth. 55 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

Livingston's Coreless. (Globe Type). *Introduced by us in* 1908. In shape it is almost round, being of about the same diameter each way. The depression at the stem end has been almost eliminated. Immensely productive. A good slicing variety, the seed-cells being surrounded by bright red, heavy, meaty and delicious flesh. Late variety. 78 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25; lb. $3.75.

Redhead. (Rosy Morn Type). A second-early, meaty, deep red variety of good size and shape. Smooth, productive, uniform and nearly free from cracks. Popular in the West. 62 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

Chalk's Early Jewel. (Beauty Type). Of large size. Flesh thick, bright scarlet, solid, excellent flavor, ripens evenly. One of the largest cropping varieties. 63 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

Livingston's Ideal. (Globe Type). *Introduced by us in* 1930. May properly be termed "A Red Globe." Has strong, healthy plants that show no signs of blight. Globe shaped fruits of medium size; bright scarlet; firm flesh. About same season as Bonny Best. Fruit clusters are set closely on stalk, making increased yield under glass. 63 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

Livingston's have introduced more than 30 varieties of Tomatoes since 1870.

Livingston's Stone

Introduced by us in 1889 (Stone Type)

Greatest for Canning, Tomato Juice, Catsup and Chili Sauce Making

A large, bright scarlet red, heavy yielding, good keeping, main-crop variety. Skin perfectly smooth; flesh solid and fine flavored; seed cells few and small. After cooking, its thick, solid juicy flesh has a rich, bright red color and a delicious, appetizing flavor. For tomato juice packing there is none better. (See back cover). Even ripening, solidity and productiveness are its economy features. After 45 years it is still recognized as the best in its class. 76 days. Order from us for the original. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts; ¼lb. $1.15; lb. $3.50.

Marglobe Tomato

Wilt and Nailhead Rust-Resistant

Marglobe

WILT AND NAILHEAD RUST-RESISTANT (Globe Type). Has made a wonderful record in sections where above diseases prevail. Produced by crossing Livingston's Globe with other varities and after several years' selection was offered in 1926. Vigorous grower in both greenhouse and field; bright red, quite early, large size, almost round and very productive. We grow the seed we offer from select planting stock supplied by originator. Main crop variety. 60 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

HANSING'S IMPROVED WILT-RESISTANT MARVEL. (Favorite Type). An early bright red of medium size and good quality. Similar to Bonny Best in shape but slightly more flat. Fruits are produced in clusters about 6 inches apart on vigorous growing vine. 60 days. Pkt. 10 cts.; ¼oz. 20 cts.; ¼oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

Livingston's Ohio Red. *Introduced by us in* 1929. Entirely new elongated type, frequently having a slight point at blossom end. Good average size, brilliant red color. Has practical value as a salad variety. Second-early. 65 days. Pkt. 5 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50.

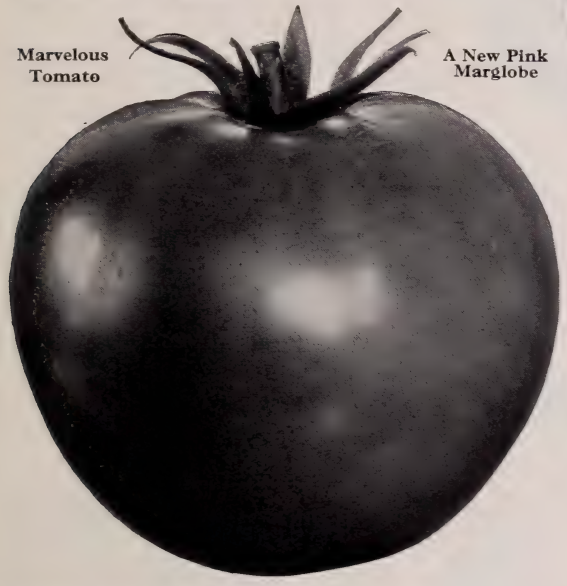
Livingston's Pink Tomatoes

Livingston's Globe Tomato

Introduced by us in 1905 (Globe Type)

We feel quite safe in saying that no Tomato ever introduced has been so valuable to the southern growers and shippers as Livingston's Globe. Literally trainloads are shipped out of Southern States each season.

As a greenhouse sort, it is not excelled by any other pink variety and it is one of the best for the home-garden. It comes into bearing early and keeps on bearing almost until frost. Fruits are large and smooth with firm flesh that ripens evenly; color, a fine glossy rose, tinged with purple. Quality good, being mild, pleasant and of delicious flavor. Almost blight-proof. Main crop variety. 65 days. **Genuine Livingston-grown seed.** Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.



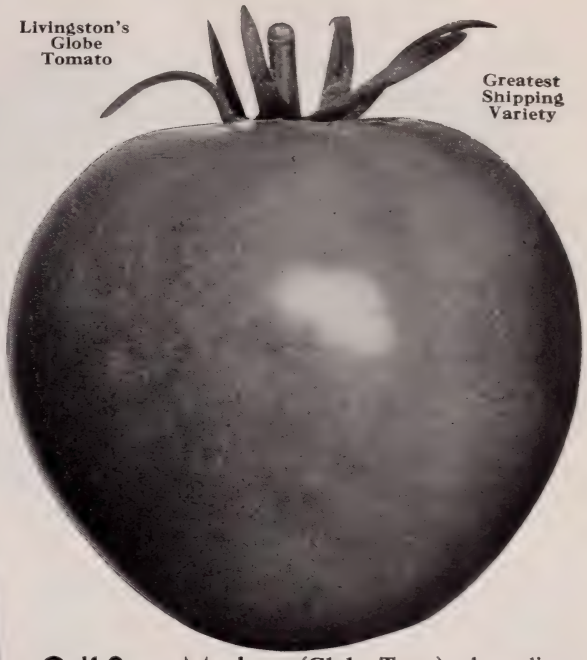
Marvelous Tomato — A New Pink Marglobe

Marvelous. **(Marhio). A New Pink Marglobe. (Globe Type).** If you like a pink skinned tomato but have experienced trouble growing it because of wilt, try this new wilt-resistant variety. Fruits are large, glossy rose in color, surprisingly free from cracks and of best quality. A vigorous grower and heavy cropper. Illustrated above. 62 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.60; lb. $5.00.

Livingston's Rosy Morn. **(Rosy Morn Type).** Introduced by us in 1923. A bright rosy pink variety. Smooth, solid fruits; ripen evenly; surprisingly free from cracks about the stem; mild and delicious flavor. Vigorous grower; heavy yielder. 69 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25; lb. $3.75.

Livingston's Beauty. **(Beauty Type).** *Introduced by us in* 1886. Although introduced so many years ago, this is still one of the popular purple-colored Tomatoes. The plants make a strong growth, are hardy and bear profusely. The large, smooth, rather flattened, firm fruits are produced in clusters of four to six, and retain their size until late in the season. Main crop variety. 70 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

We pay Transportation. See page 1-A.



Livingston's Globe Tomato — Greatest Shipping Variety

Gulf State Market. **(Globe Type).** A medium-sized, early, purple sort. Ripens same time as Livingston's Globe, but averages smaller. Quite popular in southern sections. 65 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

June Pink. **A Pink Earliana. (Favorite Type).** Ripens as early as Earliana. A prolific bearer, clusters of six to eight fruits being borne close to the main stem, a large percentage being produced very early. 55 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Cooper's Special. **(Globe Type).** Same color as Livingston's Globe but smaller. Vines are short and fruits set in clusters of 4 to 5. Florida growers term it a self-topper. Second-early, 63 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Early Detroit. **(Globe Type).** A very productive pink sort, of uniform size but not as early as name indicates. Fruit large and smooth, and of excellent quality. Vines vigorous and productive. 71 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

Livingston's Improved Dwarf Champion. **(Beauty Type).** Medium-sized fruit produced in clusters of three to five. Beautiful glossy purple, firm, solid. Main crop variety. 63 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

LIVINGSTON'S MAGNUS. **(Beauty Type).** *Introduced by us in* 1900. Large purple-skinned fruits quite deep through from stem to blossom-end. Heavy cropper. Has broad-potato-leaf foliage which prevents sunburn. Second early variety. 62 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15; lb. $3.50.

LIVINGSTON'S ACME. **(Beauty Type).** *Introduced by us in* 1875. The first perfectly smooth, medium-sized purple or pink Tomato introduced. It is a uniform, early, prolific sort, free from cracks. Quality fine. 62 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.10; lb. $3.25.

Livingston's Big Tomatoes

Ponderosa Tomato

Ponderosa

(**Buckeye Type**). The pink fruits ripen quite early, are very solid, almost seedless, of good subacid flavor, and of immense size, frequently weighing more than two pounds. It is now producing a much smoother fruit than when first introduced. Splendid slicer. Bears well until very late. Main-crop variety. 84 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 35 cts.; oz. 55 cts.; ¼lb. $1.80; lb. $6.00.

Livingston's Buckeye State

Introduced by us in 1893 (Buckeye Type)

Its extra large fruits are borne in clusters of three to six, and have a smooth skin of purple color. The fruit is very meaty, solid, and the flesh is of most desirable quality. We have been successful in eliminating the roughness so common to large-fruited sorts. Late variety. 80 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35; lb. $4.00.

Crimson Cushion (Beefsteak or Red Ponderosa). (**Buckeye Type**). An extremely large, bright red variety that ripens evenly and is of good quality. A good companion to the Colossal. Main crop variety. 84 days. Pkt. 10 cts.; ¼oz 20 cts.; ½oz. 35 cts.; oz. 55 cts.; ¼lb $1.80.

Colossal. (**Buckeye Type**). A strain of Ponderosa that exceeds it in average size and smoothness. A slice of this enormous-fruited sort looks like a piece of beefsteak. The fruit has purple or pink skin and many are quite smooth. Main crop variety. 84 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 35 cts.; oz. 55 cts.; ¼lb. $1.80.

Livingston's Giant Oxheart, See page 74.

Livingston's Yellow Tomatoes

Livingston's Golden Queen

Introduced by us in 1882 (Beauty Type)

Of superior flavor, solid, always smooth, large, ripens early. Rich golden yellow skin with a tinge of pink on the blossom side. Fine for slicing. 78 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.15.

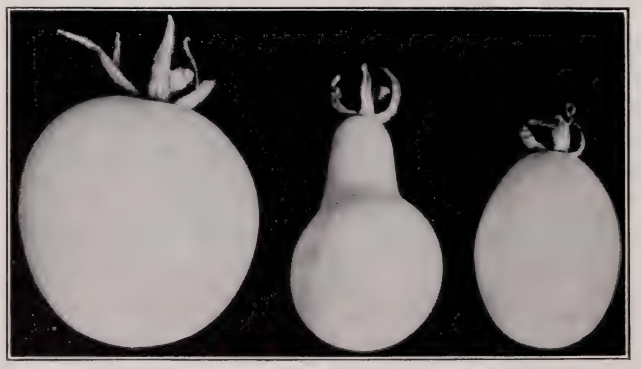
Golden Ponderosa

(**Buckeye Type**). Golden Ponderosa equals Ponderosa in size, shape, and quality, but it is a golden yellow in color. In other words it is, as the name indicates, a yellow-fleshed Ponderosa. 82 days. Pkt. 10 cts.; ¼oz. 20 cts.; ½oz. 35 cts.; oz. 55 cts.

Livingston's Gold Ball

Introduced by us in 1892

(**Ball Type**). Beautiful canary-yellow fruits about 1½ inches in diameter, borne in clusters. Flesh thick and of fine quality. Fine for preserves. 65 days. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.35.



Gold Ball — Yellow Pear — Yellow Plum

Small Tomatoes

Excellent for Preserves, Pickles, and Pies

	Pkt.
Red Currant. Smallest of all sorts	$0.05
Red Cherry	.05
Yellow Cherry	.05
Red Pear	.05
Yellow Pear	.05
Yellow Plum	.05
Mixed Small Sorts	.05
Any above: ¼oz.	.15

Odd Tomatoes

YELLOW PEACH. Resembles peaches closely in size, shape, and general appearance. Color light yellow. Pkt. 5 cts.; ¼oz. 15 cts.; ½oz. 25 cts.

GOLDEN HUSK or WINTER CHERRY. Unequaled for making preserves and pies. Has a golden color, strawberry flavor, very productive. Fruit is size of large cherries. Pkt. 5 cts.; ¼oz. 20 cts.; ½oz. 35 cts.

Livingston's Yellow Oxheart, see page 74.

Mr. Gurney McDowell, Lawrence County, Indiana writes: "*Have had wonderful success with tomato seed I bought of you, especially the Stone and Burbank. They are wonderful yielders and come in clusters of fine smooth tomatoes and have also stood some awful dry and hot weather.*"

Mr. Ernest V. May, Shenandoah County, Virginia writes: "*You may be famous for tomatoes—but your tomatoes are more famous than you are, especially your Oxhearts. I have grown your Livingston Beauty for over thirty years. Not a grumble in 30 years with any of your seeds.*"

Mr. Cordie Adrian, Rogers, Michigan, writes: "*The reason for me ordering another order of Tomato Seed is that so many of my friends have asked me to get them the seeds like I had last year as they were amazed at the success. It pays to buy good seed.*"

Grow Turnips for Two Purpose Crops

Culture.—Turnips serve the double purpose of summer greens and useful roots. Early varieties should be planted as soon as the ground is dry in spring. Sowings of these and other later ones can be made as late as August. Early sowing should be in rows 12 to 15 inches apart, covering seed ½ inch and thinning to 4 to 6 inches apart in the row. Cultivate often and thoroughly. Late sowing can be broadcast rather than sown in rows.

One ounce of seed will sow 100 feet of drill;
One to two pounds will plant an acre

Extra-Early Purple-Top Milan. Roots are flat and an attractive purple-red on the upper portion. Tops small and upright and are therefore well adapted for forcing. The Milans are the very best for extra early, and their quality is fine. Very smooth and almost transparent skin. 47 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

EXTRA-EARLY WHITE MILAN. Same as Purple-Top Milan except in color. 47 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.; lb. $1.00.

Purple-Top Strap-Leaf. Comes next to Purple-Top Globe in popularity. An early variety, very extensively used for the table. Leaves are few and upright in growth. Roots flat, of medium size, purple or dark red above ground, white below; flesh white, fine-grained, and tender. 56 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.; 5 lbs. $3.50.

Japanese Shogoin Turnip. It is the best combination variety for both bulbous roots and Tops for "greens" we have yet seen. The roots are white, semi-globe shaped, very sweet and mild. The tops or leaves are large, thick, juicy and stand erect. This variety is louse resistant and thrives even in the hottest dry weather. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts

GOLDEN BALL or Orange Jelly. Rapid grower; globe-shaped; bright yellow. Best yellow sort for table use. 60 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 70 cts.

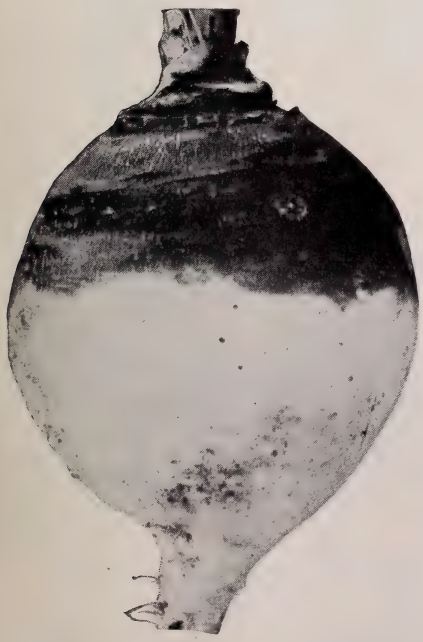
EARLY SNOWBALL. Medium-sized round Turnip; pure white; very fine flavor; flesh is fine-grained. One of the best. 54 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.

YELLOW OR AMBER GLOBE. Sweet; large; fine for table or stock. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.

Purple Top White Globe Turnip

Purple-Top White Globe. Most popular of all Turnips for main crop. The roots are large, purple or dark red above ground, white below and when in best condition for the table, are about 3 inches in diameter, but can be grown much larger. Flesh white, fine-grained, and tender. Keeps well, is one of the best for market, and a popular home-garden sort. 56 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 85 cts.; 5 lbs. $4.00.

EARLY WHITE FLAT DUTCH. 47 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.



Improved American Purple Top Rutabaga

Seven Top. Cultivated extensively for the tops, which are used as greens. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Long White or COW-HORN. Long; grows partly above ground; slightly crooked; white, fine grained, very sweet. Sometimes used for plowing under to improve the soil. 70 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.

Early White Egg. A variety with white flesh, firm, fine-grained, mild and sweet. 49 days. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 20 cts.; lb. 65 cts.

Rutabaga

(Swedish or Russian Turnip)

Rutabagas are more especially adapted to northern sections. They require a longer season for maturing, hence should be sown earlier than turnips, or about June 15. Make rows 18 inches apart, cover seed 1 inch and thin to 6 inches in the row. Maturity 90 days.

Improved American Purple-Top. One of the best and heaviest cropping sorts. It is of globe shape with a rich purple top and light yellow below the ground. The quality is fine; very tender, and not stringy. Valuable table variety. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

LARGE WHITE RUSSIAN. An excellent keeper and very desirable either for the table or for stock; roots very large, somewhat top-shaped; color white with a shade of green at the top. Flesh white. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

MAKE THE MOST OUT OF YOUR GARDEN
Follow first early crops with later ones.
Turnips are fine as late crop.

Livingston's Lawn Grass Seeds

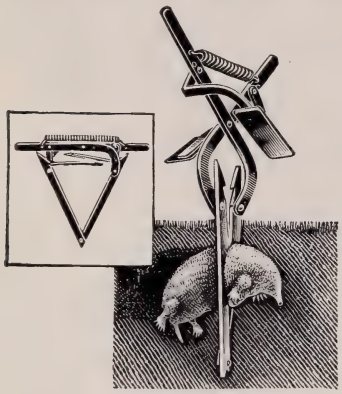
TREAT YOUR LAWN WITH THE BEST THIS YEAR

YOU'LL BOTH LIKE OUR MIXTURES MADE FROM TRUE TURF GRASSES

Your first consideration in a lawn seed mixture should be the "kind of Grass Seeds used." There are hardy, perennial grasses and annual nurse grasses. It is the hardy grasses that ultimately make a good lawn and the large percentage of any good mixture should consist of these perennial grasses, such as Kentucky Blue Grass, Red Top and Chewing's Fescue. The annual grasses are necessary as a nurse for the better grasses but if used to excess do not benefit your lawn, although the mixture sells for less money. Therefor, do not be deceived by the price per pound. If you must choose between quality and quantity, and most of us do these days, choose quality in lawn seed and get some real satisfaction. Let us suggest that you use our famous "Capitol Brand" Mixture this year. You will be pleased with the results.

Thoroughly practical leaflet, "How to Make a Better Lawn," sent on request

Rid Your Lawn of Moles
THE NEW IDEAL MOLE TRAP



An easy-to-use, never failing trap which will rid premises of moles in a short time. New in method and design. Easy and safe to operate; no sharp prongs or points. Stays in ground while operating and when sprung can be easily removed. Kills moles instantly and safeguards pelt. Heavy-gauge, lacquered for outdoor service.

$1.00 Postpaid

Astoria Bent. True creeping bent of high quality. Used on golf putting greens and high grade mixtures. Lb. $1.35; 3 lbs. $4.00. All prepaid.

Kentucky Blue Grass. Used more for lawns than any other grass. It is slow to start, however, and should be mixed with other quick-growing dwarf grasses. Does best on limestone soils, well enriched. Dark green in color; forms close, thick turf and is very hardy. Heavy, fine, clean seed. Lb. 60 cts.; 3 lbs. $1.65; 5 lbs. $2.50; 10 lbs. $4.60; 25 lbs. or more at 40 cts. per pound. All prepaid.

Red Top. One of the Bent grasses. Used on golf courses and in all good lawn mixtures. Does well in wet places and under unfavorable conditions. Is drought-resistant. Lb. 45 cts.; 3 lbs. $1.25; 5 lbs. $1.70; 10 lbs. $3.00; 25 lbs. or more at 28 cts. per pound. All prepaid.

Domestic Rye Grass. Makes a quick growth but does not make a permanent lawn. Should be used in mixture with hardy grasses as a nurse. Valuable where quick results are desired. Lb. 35 cts.; 3 lbs. $1.00; 5 lbs. $1.25; 10 lbs. $2.15; 25 lbs. or more at 20 cts. per pound. All prepaid.

Timothy. Generally used in mixtures as a nurse for the slower-growing grasses. Lb. 45 cts.; 3 lbs. $1.20; 5 lbs. $1.70; 10 lbs. $3.30; 25 lbs. or more at 29 cts. per pound. All prepaid.

Rough-Stalk Meadow. One of the best for shady places. Used in shady place mixtures. Lb. 65 cts.; 3 lbs. $1.70; 5 lbs. $2.45; 10 lbs. $4.50; 25 lbs. or more at 43 cts. per pound. All prepaid.

Chewing's Fescue. A valuable grass, used in most good mixtures. Especially good in shady places. Lb. 85 cts.; 3 lbs. $2.20; 5 lbs. $3.45; 10 lbs. $6.50; 25 lbs. or more at 63 cts. per pound. All prepaid.

Livingston's "Capitol Brand" Lawn Seed

It contains only the highest grade of grasses suitable for the purpose of making a beautiful, durable, lasting lawn. Germinates quickly and roots deeply. This enables it to withstand the intense heat of summer and the hard cold of winter. Contains a large percentage of those grasses which are lasting and hardy. When a lawn is once established with "Capitol Brand" it lasts for years. From six to eight weeks' time is all that is required to form a close, thick turf of rich, velvety green. Owing to the high-grade seeds used in this mixture, one pound is sufficient to sow 300 square feet of new lawn. **Pound 60 cts.—3 Pounds $1.60—5 Pounds $2.35. 10 lbs. $4.30—25 lbs. or more at 40 cts. per lb.**

Transportation paid by us

Quick Grower Lawn Seed. A special mixture that gives quicker results than Capitol Brand, yet it makes a fair lawn. Where this mixture is used Capitol Brand Lawn Seed should be used the next year for renovating. Lb. 35 cts.; 3 lbs. $1.00; 5 lbs. $1.50; 10 lbs. $2.80; 25 lbs. or more at 27 cts. per lb. All prepaid.

Shady Place Mixture. Adapted to shaded, unsightly spots where it is difficult to get a stand of grass. Lb. 65 cts.; 3 lbs. $1.70; 5 lbs. $2.60; 10 lbs. $4.80; 25 lbs. or more at 45 cts. per lb. All prepaid.

White Clover. Excellent for lawns when mixed with other grasses. Does not stand dry, hot weather well, but tends to keep crab grass in check. Lb. 90 cts.; 3 lbs. $2.40; 5 lbs. $3.65; 10 lbs. $6.75, prepaid.

SACCO SPREADER

A GARDEN TOOL THAT YOU NEED

Spreads Lawn Seed, Fertilizers, Sand, Salt, etc. easily and quickly. Equipped with instantaneous feed control (No. 1) and adjustable spreader (No. 2). Can be operated easily by any child. Will pay for itself in saving seed and fertilizer thru proper application.

As a Suggestion

Why not buy one on a co-operative plan with several of your neighbors and all get the benefit of its use?

TWO SIZES—POSTPAID IN OHIO

Model No. 3318, 18 inch. Shipping weight 12½ lbs. $ 3.50
Model No. 3330, 30 inch. Shipping weight 50 lbs. 14.50

SPECIAL QUOTATIONS.—We are always pleased to quote special prices to parks, institutions, golf clubs, and others who require Lawn Grass Seed in large quantities. Prices subject to market change

THE LIVINGSTON SEED CO.

32 East Spring St. . . . *Seedmen Since 1850* . . . Columbus, Ohio

NOTE; Planting dates given are for the vicinity of Columbus, Ohio, or the 40th latitude. Allow about 3 days difference for every 50 miles of latitude; South, earlier; North, later.

VEGETABLE PLANTING TABLE

Name of Vegetable	Time to Plant in Window Box or Bed	Time to Plant in Open	Seeds or Plants for 100 foot Row	Seeds or Plants for Acre	Days until ready to use	Dist. apart in row in inches	Depth plt'g in inches	Rows Apart Hand Cultivation	Rows Apart Horse Cultivation
Asparagus Seed,		Apr. 1 to 15	2 oz.	4 to 5 lbs.	3 to 4 yrs.		1 to 2	18 to 24	30 to 36
Asparagus Plants,		April	75 plants	7,300	2 yrs. from 2-yr. pl'ts	18	8	24 to 36	36 to 48
Bush Lima Beans,	Apr. 25 in Pots	May 15 to June 20	1 pound	1½ bushels	65 to 100	6-10	1	30	30 to 36
Pole Lima Beans,	Apr. 25 in Pots	May 15 to June 30	½ pound	½ to ¾ bu.	75 to 120	12-18	1	30 to 36	36 to 48
Bush Beans,		May 10 to Aug. 5	1 pound	1½ bushels	45 to 75	3-6	1	24 to 30	30 to 36
Pole or Corn Beans,		May 10 to July 20	½ pound	20 to 40 lbs.	65 to 110	18-24	1	30 to 36	30 to 36
Beets, Table,	March	April to August	2 oz.	4 to 6 pounds	60 to 70	2-3	1 to 2	12 to 15	30 to 36
Beets, Stock,		April to July	1 oz.	3 to 4 pounds	70 to 80	4-6	1 to 2	15 to 18	30 to 36
Brussels Sprouts,	March	April	100 plants	12,500 plants	120 to 130	12-18	½	30	30 to 36
Early Cabbage Seed,	Feb.-March		¼ oz.	¾ to 1 pound	110 to 130		½	30	
Late Cabbage Seed,	Apr. 20-May 20	May 5 to June 1	¼ oz.	¾ to 1 pound	130 to 140		½		
Cabbage Plants,		April 1 to July 20	75 to 80 plt's	8 to 10,000 plts	90 to 100	14-18		30 to 36	30 to 36
Broccoli,	March to May	April to July	75 plants	8 to 10,000 plts	85 to 140	18-30	½	30 to 48	30 to 48
Cauliflower,	Mar. to June 30	April to July	75 plants	8 to 10,000 plts	85 to 140	18-24	½	30 to 36	30 to 36
Carrots,	March	April to July	1 oz.	3 to 5 pounds	65 to 120	2-3	½	12 to 15	30 to 36
Celery Seed,	March	April 1 to May 10	¼ oz.	10 to 12 ozs.	125 to 150		1-8	12 to 30	36 to 42
Celery Plants,		May to August	150 to 200	20 to 40,000	60 to 100	6-8		12 to 30	36 to 42
Celeriac,	April to May	May to June	150 to 200	20 to 40,000	120 to 150	6-8	1-8	18	30 to 36
Corn, Sweet,		May 10 to July 10	¼ lb.	10 to 16 lbs.	65 to 110	14-36	1 to 2	30 to 36	36 to 42
Corn Salad,		May 1 to Sept. 1	1 oz.	6 to 10 pounds	60 to 85	1-2	½	12 to 15	
Cress,		April	1 oz.	2 to 3 pounds	35 to 50	4-8	½	15	
Cucumbers,	April in Pots	May 15 to July	½ oz.	2 to 3 pounds	60 to 85	48-72	1 to 2	48	48 to 72
Cucumbers, Pickle,		June, July	½ oz.	2 to 3 pounds	55 to 80	48-72	1 to 2	48	48 to 72
Dandelion,		April to August	1 oz.	3 to 4 pounds	60 to 80	4-8	½	15 to 18	30
Egg Plant,	March	Plants May 20	50 plants	7,000 plants	120 to 160	18-24	½	30	36 to 42
Endive	March	April to Aug.	1 oz. seed	3 lbs. 40,000 pl.	75 to 100	8-10	½	12 to 15	
Garlic Sets,		April	3 pounds	4 to 5 bushels	180 to 210	4-6	1	18 to 24	
Horse Radish,		April	75-100 sets	12 to 15,000	180 to 210	12-18		30 to 36	30 to 36
Herbs,		April, May	½ to 1 oz.			6-18	½	15 to 18	30 to 36
Kale,		Apr. Aug. Sept.	1 oz.	1 to 2 pounds	60 to 70	2-4	½	15 to 18	30 to 36
Kohlrabi,	March	April to July	½ oz.	4 lbs. 25,000 pl.	66 to 85	6-8	½	15 to 18	30 to 36
Lettuce Seed, Loose,	March to April	April to Sept.	½ oz.	3 pounds	65 to 100	2-4	¼	12 to 15	
Lettuce Seed, Head,	March to April	April to Aug.	½ oz.	2 to 3 pounds	70 to 110	12-15	¼	12 to 15	
Lettuce Plants,		April to Sept.	150 to 200	45 to 50,000	42 to 80			12 to 15	30 to 36
Leeks,		April	1 oz.	4 pounds	120 to 140	6-10	½	15 to 18	30 to 36
Melon, Musk,		May 15 to June 15	½ oz.	1 to 3 pounds	95 to 120	48-72	1 to 1½	48 to 72	48 to 72
Melon, Potted Pl'ts,	April	May 20 to June 20	25 plants	1,500 to 2,000	65 to 85	48-72		48 to 72	48 to 72
Melon, Water,		May 20 to June 1	1 oz.	4 to 6 pounds	100 to 140	72-90	1 to 2	72 to 90	72 to 90
Mustard,		April to August	1 oz.	2 to 5 pounds	60 to 72	1-3	½	12 to 15	
Onion Seed, Sets,		April to May	6 oz.	50 to 60 lbs.	120 to 130		½ to 1	12 to 15	
Onion Seed, Large	Mar. & Transp.	Early as Possible	1 oz.	4 pounds	90 to 130	2-3	½ to 1	12 to 15	
Onion Sets,		March to July	1 to 2 lbs.	6 to 12 bushels	40 to 60	2-3	1	12 to 15	
Winter Onions,		Aug., Sept.	1 to 2 lbs.	8 to 15 bushels	60 to 80	3	2 to 4	18 to 24	30 to 36
Okra,		May	1 oz.	4 to 6 pounds	120 to 150	18-24	2	24	30 to 36
Parsley,		April, May	½ oz.	2 to 3 pounds	70 to 100	3-6	¼	12 to 15	30
Parsnips,		March, April	½ oz.	4 to 5 pounds	130 to 160	5-12	½	12 to 15	30 to 36
Peas, Early,		March, April	2 pounds	1 to 2 bushels	60 to 80	2	2 to 3	15 to 24	30 to 36
Peas, Late,		April, May	2 pounds	1 to 2 bushels	75 to 90	2	2 to 3	15 to 36	30 to 36
Peppers,	Mar. 25 to May	Plants May 20	50 plants	7,000 plants	135 to 160	18-24	½	24 to 36	30 to 36
Potatoes, Irish,		April to July	10 pounds	10 to 12 bus.	75 to 130	12-14	4	24 to 30	30 to 36
Potatoes, Sweet,	Apr.10 to May 1	May 15 to June	75-100 plts.	18,000 plants	120 to 140	12		30	30 to 36
Pumpkins,		May 20	1 oz., 15 h'ls	4 pounds	140 to 160	72-86	1	96	96
Radish,	March	April to Sept.	1 oz.	6 to 10 pounds	25 to 50	2-3	1	12 to 15	
Radish, for Winter,		Aug., Sept.	1 oz.	5 to 6 pounds	40 to 60	2-6	1	12 to 15	30
Rutabaga,		July, Aug.	1 oz.	1 to 3 pounds	75 to 80	3-6	1	12 to 15	30 to 36
Rhubarb Roots,		April and Oct.	30 plants	3,650 plants	2 years	36-40	cr'ns 3	36 to 48	48
Salsify,		April	½ oz.	4 to 6 pounds	125 to 160	3-5	1	12 to 15	30 to 36
Spinach,		Apr.,Aug. & Sept.	2 oz.	10 to 20 lbs.	60 to 75	2-3	1	12 to 15	
Swiss Chard,	March	April to July	1 oz.	4 to 5 pounds	60 to 75	18-24	1 to 2	24 to 30	30 to 36
Squash, Bush,		May 20	1 oz., 40 h'ls	4 to 5 pounds	60 to 120	48	1 to 2	48 to 72	48 to 72
Squash, Vining,		May 20	1 oz., 40 h'ls	3 to 4 pounds	75 to 140	96	1 to 2	72 to 96	96
Tomato Seeds,	Mar. to April	May, June	1 pkt.	¼ pound	90 to 140		½		
Tomato Plants,		May 10 to July 10	30 to 40	Staked 3,650 to 5000 Flat 2,800	60 to 90	24-48		24 to 48	36 to 48
Turnips,		Apr.,Aug.,Sept.	1 oz.	1 to 2 pounds	50 to 75	3-4	½	12 to 15	
Strawberry Plants,		Apr.MayAug.Sept	75 plants	5 to 8,000	8 to 14 mo.	14-18		30 to 48	36 to 48

COMPLETE CULTURAL DIRECTIONS ARE ALSO GIVEN UNDER EACH VEGETABLE HEADING

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